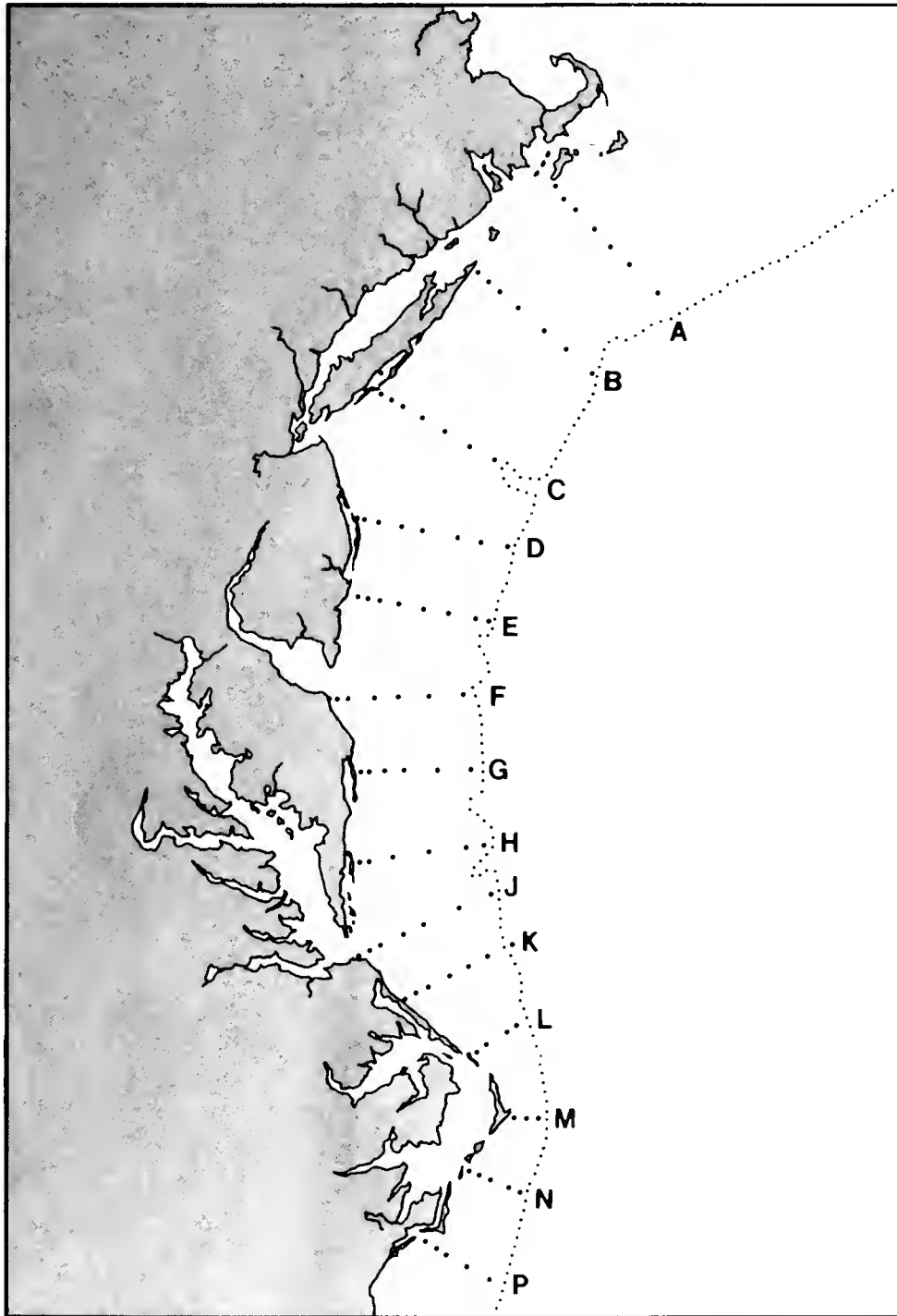


Ichthyoplankton from the RV *Dolphin* Survey of
Continental Shelf Waters between Martha's Vineyard, Massachusetts
and Cape Lookout, North Carolina, 1965-66



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ICHTHYOPLANKTON FROM THE RV DOLPHIN SURVEY OF
CONTINENTAL SHELF WATERS BETWEEN MARTHA'S VINEYARD, MASSACHUSETTS
AND CAPE LOOKOUT, NORTH CAROLINA, 1965-66

by

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ABSTRACT

Data are tabulated on ichthyoplankton and concomitant physical conditions collected during a survey of Atlantic continental shelf waters. Sampling information and laboratory procedures are described. Numbers and lengths of 87 species of larval fishes are tabulated by station; egg catches for 9 of these are included. Additionally, the presence of 79 categories of larvae, presently identified only to genus or a higher taxon, is noted by station.

INTRODUCTION

Between December 1965 and December 1966 Sandy Hook Laboratory conducted an ichthyoplankton survey of continental shelf waters from Martha's Vineyard, Massachusetts to Cape Lookout, North Carolina. This study was designed to determine where and when marine fishes spawn, describe distributions and dispersal patterns of their eggs and larvae, and was intended to eventually help us evaluate the extent of estuarine dependence of their young.

This report presents data on young stages of 166 taxa and includes descriptions of sampling design and physical conditions associated with the plankton collections. Although the identifications of some taxa are not to the specific level, we present these data in their present form because: 1) the areal and seasonal extent of our survey is the most comprehensive undertaken in the Middle Atlantic Bight; 2) we have received many requests for portions of the data; 3) the small numbers of some species do not warrant publishing individually; and 4) there is value in publishing the data by station as well as by species.

Some data have already been published. Field and laboratory procedures, physical conditions, zooplankton volumes, and a list of juvenile and adult fishes caught in a mid-water trawl are included in Clark et al. (1969). Reports on individual species taken from plankton samples have been published as follows: Centropristis striata (Kendall 1972), Ammodytes sp. (Richards and Kendall 1973), Paralichthys dentatus (Smith 1973), Merluccius bilinearis (Fahay 1974), Brevoortia tyrannus (Kendall and Reintjes 1975), and Pleuronectiformes (Smith et al. 1975). Descriptions of young stages,

based on survey specimens include Paralichthys dentatus (Smith and Fahay 1970) and Scomber scombrus (Berrien 1975). Similar papers on other species are in preparation or planned.

METHODS

Sampling procedures described by Clark et al. 1969, Smith 1973, and Fahay 1974 are only summarized here. On each cruise we sampled at 92 stations situated on 14 transects (Figure 1). Stations were shoreward as close to the beach as the vessel could operate, and seaward to near the continental shelf edge. We completed eight cruises from December 1965 to December 1966. In addition, on an incomplete cruise in September 1966 (cruise D-66-11) we sampled four transects between Martha's Vineyard, Massachusetts and Barnegat Inlet, New Jersey.

Two Gulf V samplers (Arnold 1959) with 0.52-mm mesh netting were usually towed simultaneously at each station. All step oblique tows were 30 min at a speed of 9.3 km/h (5 kt). In a standard tow the nets were lowered in six 3-m depth increments, or steps, and towed for 5 min at each depth. One Gulf V sampled from 0 to 15 m, and the other from 18 to 33 m. Alterations to this standard towing procedure, necessitated by varying water depth are shown in Figure 2. Surface temperature was measured with a stem thermometer. Mechanical bathythermographs provided temperature data with water depth. Salinity was measured with an in situ induction salinometer at 5-m depth increments to a maximum of 50 m.

All fish eggs and larvae were removed by successively sorting small portions of each plankton sample under dissecting microscopes as described in Clark et al. (1969). The responsibility for identification of eggs

and larvae was divided among the four authors as follows:

Michael P. Fahay - elopiform and anguilliform leptocephali, Gadidae,
and Merlucciidae.

W. G. Smith - Pleuronectiformes.

Arthur W. Kendall, Jr. - Serranidae, Labridae, Clupeiformes, Myctophidae,
Ammodytes, Pomatomus, and Peprilus.

Peter Berrien - Sciaenidae and Scombridae.

Kenneth Able, of McGill University, identified the Liparidae.

Remaining fish larvae were identified, largely to the familial level, by
Peter Berrien, with assistance from the other biologists.

The generic and specific names assigned to specimens conform to Bailey
et al. (1970), or to current usage among workers of appropriate purview.
Nomenclature and order of listing (Tables 1 and 3) among higher taxa
conforms to Greenwood et al. (1966), except for placing Scorpaeniformes
and Dactylopteriformes after Perciformes as in Bailey et al. (1970).

In order to express the density of eggs and larvae in a standard
manner (as number per 10m^2 sea surface) and because of the variation in
tow schemes between stations, the following procedures were used. All
deep-net catches (18-33 m) were reduced by 10% of the shallow-net catch
(0-15 m) to compensate for contamination in the upper 15 m of water.
Because flowmeters were not used, a theoretical value of 495m^3 of water
filtered by each sampler was used in calculations. This value was based
on a reported 85% filtration efficiency for unencased conical nets of the
dimensions and porosity used (Tranter and Smith 1968). Therefore, the

water volume filtered = $0.85 (\pi r^2 h)$; $r = 0.2\text{m}$, $h = 4630\text{m}$. Catch per square meter of ocean surface area (subsequently converted to catch per 10m^2 in this case) was calculated by dividing the standardized number caught by the ocean area corresponding to the volume filtered, after equalizing the sampling effort at each depth to the standard of 5 min. Standardization of effort, catch, and volume filtered is illustrated in Figure 2.

RESULTS

Table 1 indicates how many larvae of each analyzed species were taken during each cruise, the presence of unanalyzed taxa, and the number of occurrences for all larval taxa and nine egg species. Table 2 is a summary of data associated with each plankton collection. The following comments are included to clarify certain entries in the table.

- 1) Light condition - "dawn" or "dusk" was assigned if sunrise or sunset occurred during any part of the 30-min tow.
- 2) The mean temperatures and mean salinities were calculated from measurements at 5-m depth intervals. Measurements within the plankton sampling depths were multiplied by the meters of depth they represented, the products were totaled, and the sum was divided by the number of meters sampled by the Gulf V net.
- 3) Values for temperature or salinity ranges were interpolated as needed from the measurements at 5-m intervals.
- 4) Water depth was calculated by averaging the fathometer depth at the start and end of the plankton tow.

- 5) The thermocline was designated as *strong* (if there was a change in temperature of at least 1°C per meter of depth), *weak* (a change of less than 1°C per meter, but stratification was present), *gradual* (slight, but constant change in temperature with depth, no distinct thermocline or stratification), or *none* (little or no temperature change with depth, isothermal).

Table 3 lists the fish eggs and larvae identified. Transects are listed from north to south (alphabetically) and stations on each transect from inshore to offshore (numerically). Fishes are listed in two categories: "Species Analyzed" and "Additional Larvae Caught". In the first category, any number including zero in the "No. Eggs" column indicates that we looked for eggs of a given species. Lack of a number in this column indicates that we did not search for eggs of this species, and does not necessarily mean they were not present in the samples. The second category refers to those fishes present in the samples which were not counted or measured. These were usually identified to family or a higher taxon.

In a few cases where the numbers of specimens caught, shown in Table 3, do not agree with results published elsewhere, the differences are due to adjustments to raw data in correcting for contamination of the deep net in the shallow zone and in standardizing sampling effort, or recent finds of specimens that initially had been incorrectly identified.

ACKNOWLEDGMENTS

We thank Charles Morrison, John LeBaron, and Gregory Howard for carrying out the computer work; and the many biological aids and technicians who performed the numerous sorting, counting, measuring, and tabulating tasks.

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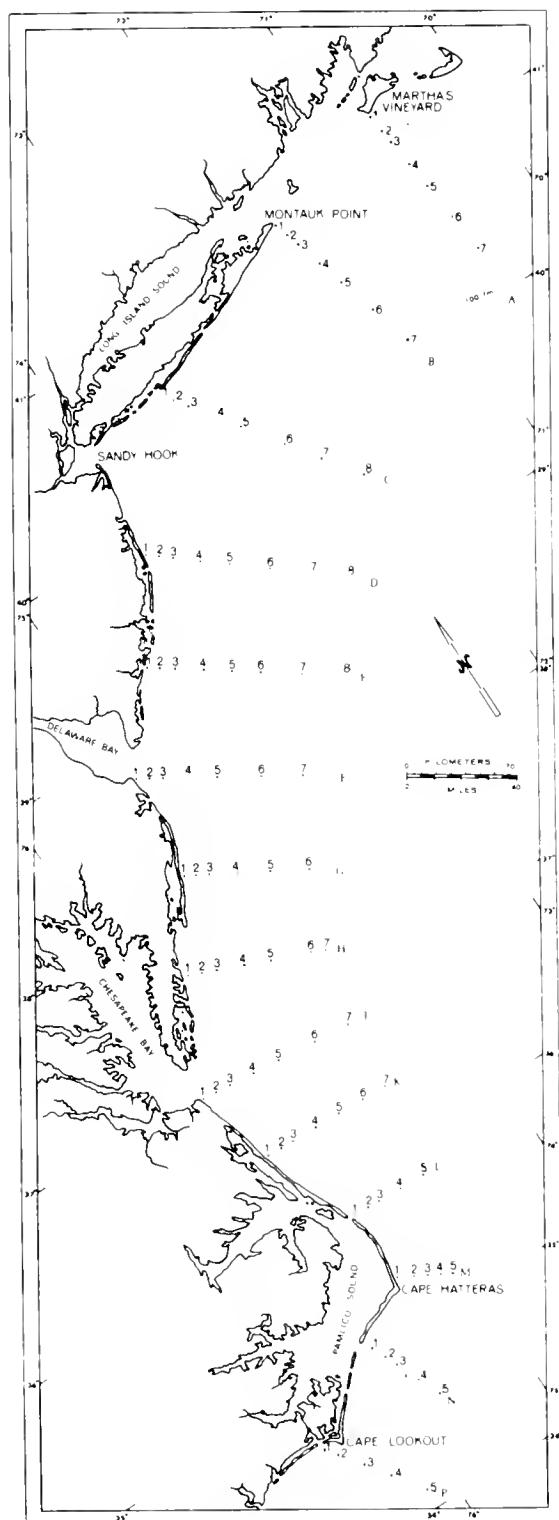


Figure 1. Locations of transects and collecting stations for the ichthyoplankton survey.

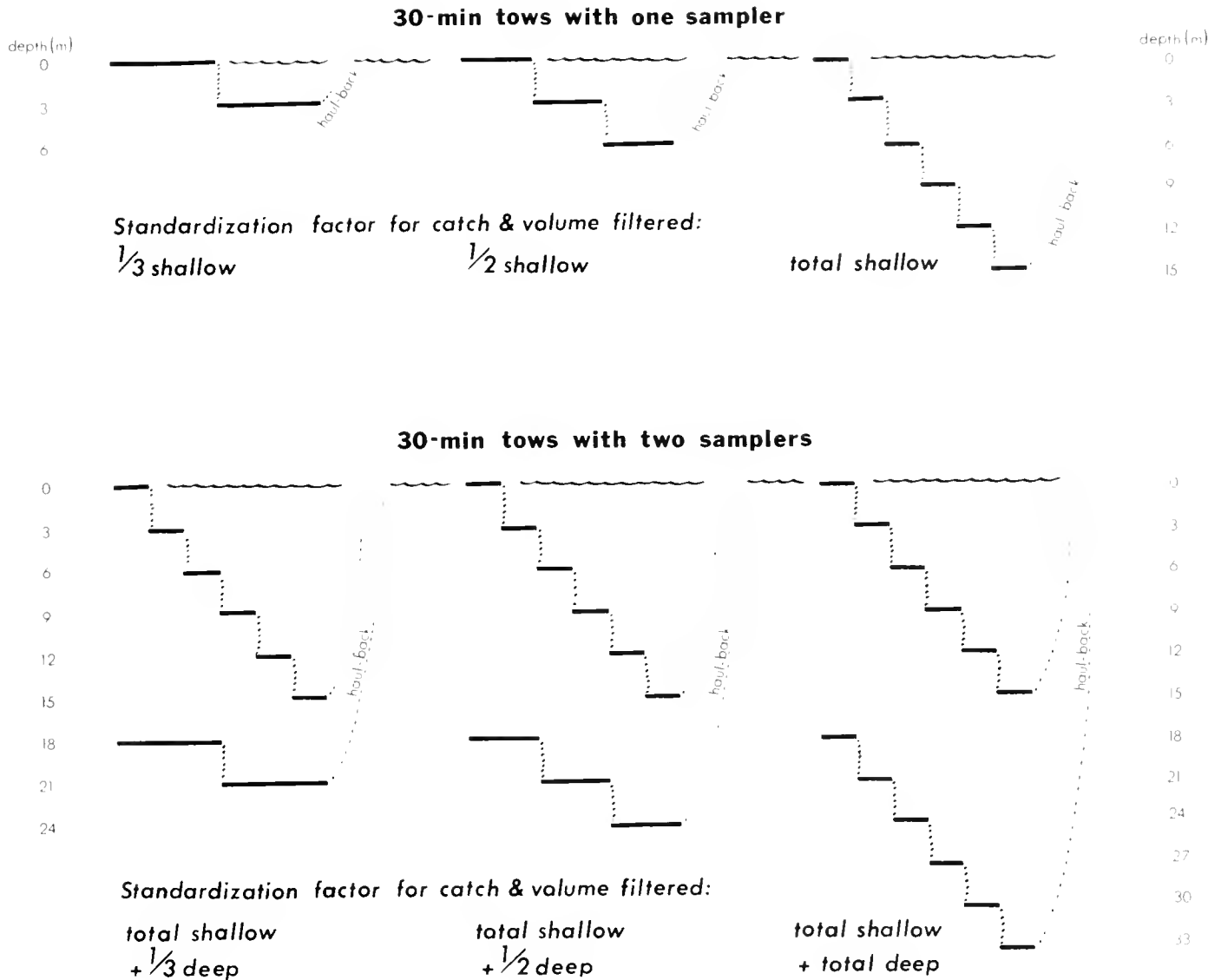


Figure 2. Variations in tow profile due to varying water depth and procedures for standardization of effort between stations. Ocean surface area corresponding to each standardized tow was determined by dividing the standardized volume filtered by the maximum depth sampled. Resultant catch densities were converted to catch per 10m^2 for Table 3.

TABLE 1. List of taxa identified from survey cruises. The number of larvae caught, if analyzed, or the presence of larvae not analyzed (+) is indicated before the slash; after the slash the number of occurrences given includes all larvae and nine species of eggs marked (*).

| | T A X O N | | | | | | | | | |
|--------------------------------|-------------|-----------------|-------------|-------------|--------------|--------------|---------------|-------------------|------------------|----|
| | 65-4 Dec | 66-1 Jan-Feb | 66-3 Apr | 66-5 May | 66-7 June | 66-10 Aug | 66-11 Sept | 66-12 Sept-Oct | 66-14 Nov-Dec | |
| Elopiiformes | | | | | | | | | | |
| Elopidae | | | | | | | | | | |
| Elops saurus | | | | | | | | | | |
| <u>Megalops atlantica</u> | 4/3 | | | 6/1 | 3/2 | 2/1 | | 1/1 | 7/4 | |
| bonefish | | | | | 3/2 | | | | | |
| unident. eel leptocephali | | | | +2 | +1 | +4 | | +3 | | |
| American eel | +2 | +15 | +3 | +3 | | | | +1 | +1 | +1 |
| spaghetti eels | | +1 | | | | | | | | +5 |
| morays | +1 | +2 | +1 | +4 | +5 | +5 | | +7 | +2 | +2 |
| conger eels | | +1 | | +1 | +2 | | | +2 | | |
| snake eels | +5 | +3 | | +5 | 2+/3 | +17 | +1 | +5 | 1+3 | |
| key worm eel | 1/1 | | | 1/1 | | | | | | |
| finless eel | | | | | 1/1 | | | 1/1 | | |
| shorttail snake eel | | 1/1 | | | 1/1 | 3/2 | | 2/1 | 40/8 | |
| sailfin eel | | | | | | 1/1 | | | | |
| goldspotted eel | | 1/1 | | | 1/1 | | | | | |
| snake eel | | | | | | | | 4/3 | | |
| speckled worm eel | | | | | | | | 2/1 | 42/9 | |
| shrimp eel | 2/1 | | 1/1 | 2/2 | 12/4 | 4/4 | | 15/7 | | |
| blackpored eel | 2/2 | 1/1 | | | | | | | 1/1 | |
| palespotted eel | 8/3 | 3/3 | 2/1 | 1/1 | 1/1 | 1/1 | | 2/1 | 7/6 | |
| snake eel | | | | 1/1 | | | | | 1/1 | |
| <u>Pisodonophis cruentifer</u> | | | | | | 23+/11 | 6+/5 | | | |
| Nettastomatidae | | +3 | | | | +2 | | +1 | | |
| Serrivomeridae | | | | | | | | +1 | | |

TABLE 1. (continued)

| T A X O N | | 65-4 Dec | 66-1 Jan-Feb | 66-3 Apr | 66-5 May | 66-7 June | 66-10 Aug | 66-11 Sept | 66-12 Sept-Oct | 66-14 Nov-Dec |
|-------------------|----------------------------------|-------------|-----------------|-------------|-------------|--------------|--------------|---------------|-------------------|------------------|
| Clupeiformes | | | | | | | | | | |
| Clupeidae | | | | | | | | | | |
| | <u>Brevoortia tyrannus</u> | 914/32 | 305/23 | 34/8 | 3/3 | 14/3 | 8/5 | | 5420/36 | 308/34 |
| | <u>Clupea h. harengus</u> | 3/3 | 43/13 | 66/9 | 4/3 | | | | | 610/22 |
| | <u>Etrumeus sadina</u> | 22/4 | 22/3 | 134/4 | 6/4 | | | | | |
| | <u>Sardinella anchovia</u> | | | | 32/6 | 15/6 | 64/6 | | 6/1 | |
| Engraulidae | | | | | | | | | | |
| | <u>Anchoa hepsetus</u> | 1/1 | | 30/6 | 484/11 | 57/8 | 677/8 | | 1682/27 | 63/13 |
| | <u>Anchoa mitchilli</u> | 65/5 | 29/4 | | | 5620/16 | 46/4 | | 35/4 | 13/4 |
| | <u>Engraulis eurystole</u> | 46/13 | 8/5 | 32/4 | 61/5 | 362/11 | 3894/50 | 216/16 | 453/33 | 171/11 |
| Salmoniformes | | | | | | | | | | |
| Gonostomatidae | | | | | | | | | | |
| | <u>Cyclothone</u> sp. | +1 | | +8 | +4 | +8 | +8 | | +10 | +4 |
| | <u>Maurollicus</u> sp. | +3 | +2 | +1 | +1 | +2 | +1 | | +1 | |
| | <u>Vinciguertia</u> sp. | +3 | +2 | +3 | | +2 | | | | +4 |
| Stomiidae | | | | | | | | | | |
| | | +12 | +3 | +8 | +11 | +13 | +18 | +2 | +16 | +10 |
| Synodontidae | | | | | | | | | | |
| | | +1 | | +2 | | +1 | | | | +2 |
| Chlorophthalmidae | | | | | | | | | | |
| | | +6 | +4 | +4 | +4 | +6 | +3 | +1 | +5 | +5 |
| Paralepididae | | | | | | | | | | |
| | <u>Sudis</u> sp. | 2+/2 | 6+/2 | 14/4 | 26+/10 | 53+/15 | 2+/4 | | 4/2 | +2 |
| Myctophidae | | | | | | | | | | |
| | <u>Benthoosema</u> sp. | | | | 5/4 | | 2/2 | | | |
| | <u>Benthoosema glaciale</u> | | | 2/1 | 9/3 | 151/16 | | | 5/3 | 1/1 |
| | <u>Benthoosema suborbitale</u> | 4/1 | 2/2 | 1/1 | | 2/1 | | | | 7/3 |
| | <u>Ceratoscopelus</u> sp. | | | | 14/3 | | | | | |
| | <u>Ceratoscopelus maderensis</u> | 5/4 | 6/3 | 119/6 | 23/7 | 79/11 | 276/11 | 10/2 | 36/11 | 68/14 |
| | <u>Ceratoscopelus warmingi</u> | 61/5 | 2/2 | 199/6 | 39/4 | 52/6 | 3/3 | | 8/6 | 12/4 |
| | <u>Diaphus</u> sp. | 14/4 | 9/6 | 39/4 | 45/4 | 40/6 | 7/4 | 6/2 | 34/10 | 33/5 |

TABLE 1. (continued)

| T A X O N | | 65-4 Dec | 66-1 Jan-Feb | 66-3 Apr | 66-5 May | 66-7 June | 66-10 Aug | 66-11 Sept | 66-12 Sept-Oct | 66-14 Nov-Dec |
|---|--|-------------|-----------------|-------------|-------------|--------------|--------------|---------------|-------------------|------------------|
| <u>Diogenichthys atlanticus</u> | | | 1/1 | | | | 1/1 | | | 1/1 |
| <u>Electrona risoi</u> | | | 1/1 | | | | | | 1/1 | 1/1 |
| <u>Hygophum benoiti</u> | | | | 7/4 | 1/1 | 1/1 | | | | 1/1 |
| <u>Hygophum hygomi</u> | | | 1/1 | | | 1/1 | | | | 1/1 |
| <u>Hygophum benoiti or hygomi</u> | | | 4/2 | 2/1 | 1/1 | 4/1 | | | | 2/2 |
| <u>Hygophum reinhardtii</u> | | | | | | | | | 1/1 | 2/2 |
| <u>Hygophum tanningii</u> | | 1/1 | | | 2/2 | | | | | 2/1 |
| <u>Lampanyctus sp.</u> | | | | 8/3 | 4/2 | 2/1 | | | | |
| <u>Lampanyctus alatus or photonotus</u> | | | | 7/2 | 4/3 | 7/4 | 2/2 | | 3/2 | 5/4 |
| <u>Lampanyctus ater</u> | | 34/7 | 5/2 | 3/2 | 4/3 | 1/1 | | | 1/1 | 1/1 |
| <u>Lampanyctus cuprinus</u> | | 3/3 | | | 4/3 | 1/1 | 1/1 | | 3/1 | 2/2 |
| <u>Lampanyctus nobilis</u> | | | | 2/1 | 1/1 | 1/1 | 1/1 | | 2/1 | |
| <u>Lampadena sp.</u> | | | | 3/2 | 1/1 | 5/3 | | | | 1/1 |
| <u>Lepidophanes sp.</u> | | | | | | | 1/1 | | | 1/1 |
| <u>Lobianchia sp.</u> | | | | | | | | | | |
| <u>Myctophum sp.</u> | | 2/2 | 1/1 | | 4/2 | 7/1 | | | 1/1 | |
| <u>Myctophum affine</u> | | 2/2 | 1/1 | 6/3 | 2/1 | 7/3 | | | | |
| <u>Myctophum obtusirostris</u> | | | | 2/2 | | | | | | |
| <u>Myctophum selenops</u> | | | | 1/1 | | 2/2 | | | 1/1 | |
| <u>Notolychnus valdivae</u> | | | 3/2 | | 1/1 | | | | 2/1 | 1/1 |
| <u>Notoscopelus sp.</u> | | 6/1 | 11/6 | 1/1 | | | | | | |
| <u>Notoscopelus resplendens</u> | | | 4/2 | | 1/1 | | | | | |
| <u>Symbolophorus veranyi</u> | | 2/2 | | | | | | | | |
| <u>Lophiiformes</u> | | | | | | | | | | |
| <u>Lophidae</u> | | | | | | | | | | |
| <u>Lophius americanus</u> | | 2/2 | +2 | 12/2 | 15/5 | 148/37 | 110/26 | 91/11 | 37/14 | 1/1 |
| goosefish | | | | | | | | | | |
| <u>Gadiformes</u> | | | | | | | | | | |
| <u>Bregmacerotidae</u> | | | | | | | | | | |
| <u>Gadidae</u> | | | | | | | | | | |
| <u>Enchelyopus cimbrius*</u> | | 7/4 | 6/5 | 7/13 | 221/50 | 3072/44 | 252/22 | 485/21 | 285/28 | 41/16 |
| <u>Gadus morhua*</u> | | 123/20 | 111/33 | 63/35 | 141/26 | 34/14 | | | | 122/25 |
| <u>Melanogrammus aeglefinus*</u> | | | 3/2 | 0/4 | 258/13 | 12/7 | | | | |

TABLE 1. (continued)

| T A X O N | | 65-4 Dec | 66-1 Jan-Feb | 66-3 Apr | 66-5 May | 66-7 June | 66-10 Aug | 66-11 Sept | 66-12 Sept-Oct | 66-14 Nov-Dec |
|----------------------------------|---------------------------|-------------|-----------------|-------------|-------------|--------------|--------------|---------------|-------------------|------------------|
| <u>Pollachius virens</u> * | pollock | | 139/2 | 11/8 | 6/4 | | | | | 31/10 |
| <u>Urophycis</u> sp. | unident. hake | 739/42 | 80/9 | 10/3 | 15/6 | 4/2 | 252/5 | 15110/26 | 11405/63 | 1187/60 |
| <u>Urophycis</u> chuss | red hake | | | | 1/1 | 54/22 | 3425/44 | 1167/8 | | |
| <u>Urophycis</u> floridanus | southern hake | 3/1 | | | | | | | | |
| <u>Urophycis</u> regius | spotted hake | | 11/4 | | | | | | | |
| Merlucciidae | | | | | | | | | | |
| <u>Merluccius bilinearis</u> * | silver hake | 209/26 | | | 2/3 | 585/23 | 2989/34 | 3877/28 | 3187/42 | 407/38 |
| Ophidiidae | cusk eels or brotulas | +8 | +9 | +5 | +11 | +10 | +52 | +15 | +65 | +11 |
| Carapidae | pearlfishes | +3 | +4 | | +2 | +1 | +7 | | +6 | |
| Atheriniformes | | | | | | | | | | |
| Exocoetidae | flyingfishes or halfbeaks | | | +1 | +1 | +1 | | | | |
| Atherinidae | silversides | | | | +1 | +2 | +1 | | +2 | |
| Beryciformes | | | | | | | | | | |
| Holocentridae | squirrelfishes | | | | +4 | +2 | | | | |
| Zeiformes | | | | | | | | | | |
| Caproidae | boarfishes | | | +1 | +1 | +2 | +1 | | +1 | |
| Gasterosteiformes | | | | | | | | | | |
| Fistulariidae | cornetfishes | +1 | | | +1 | +2 | | | +2 | +1 |
| Syngnathidae | pipefishes or seahorses | +9 | +2 | +4 | +5 | +9 | +9 | +1 | +10 | +5 |
| Perciformes | | | | | | | | | | |
| Serranidae | sea basses | +9 | +7 | +8 | +9 | +8 | +13 | | +19 | +8 |
| <u>Centropristis striata</u> | black sea bass | | | | | 3/2 | 123/15 | 1/1 | 17/10 | 4/3 |
| <u>Hemanthias vivanus</u> | red barbier | 11/5 | 11/3 | 18/6 | 12/4 | 22/5 | 2/2 | | 37/8 | 21/4 |
| <u>Plectranthias garrupellus</u> | | 1/1 | 3/2 | 2/1 | | | | | | |
| <u>Serraniculus pumilio</u> | pygmy sea bass | | | | | | 2/1 | | | |

TABLE 1. (continued)

| T A X O N | | 65-4 | 66-1 | 66-3 | 66-5 | 66-7 | 66-10 | 66-11 | 66-12 | 66-14 |
|-------------------------------|-------------------------|---------|---------|------|------|---------|---------|--------|----------|---------|
| | | Dec | Jan-Feb | Apr | May | June | Aug | Sept | Sept-Oct | Nov-Dec |
| Grammistidae | soapfishes | +1 | +1 | +2 | +2 | | +6 | | +1 | +1 |
| Priacanthidae | bigeyes | | | | +2 | | +2 | | +2 | +1 |
| Apogonidae | cardinalfishes | +1 | +1 | +1 | +6 | +6 | +2 | | +6 | +4 |
| Branchiostegidae | | | | | | | | | | |
| <u>Malacanthus sp.</u> | unident. tilefishes | | | | +2 | +1 | +2 | | +1 | |
| Pomatomidae | | | | | | | | | | |
| <u>Pomatomus saltatrix</u> | bluefish | | 1/1 | | 25/5 | | 1621/25 | 2/2 | 2/1 | |
| Carangidae | jacks | +4 | +4 | +5 | +9 | +11 | +15 | +1 | +10 | +8 |
| Coryphaenidae | dolphins | +1 | | +2 | +6 | +3 | +1 | | +1 | |
| Sparidae | porgies | +14 | +8 | +7 | +14 | +2 | +3 | | +2 | +10 |
| Sciaenidae | drums | | | | | | | | | |
| <u>Cynoscion sp.</u> | unident. weakfishes | | | | 3/2 | +3 | +8 | | +2 | |
| <u>Larimus fasciatus</u> | banded drum | | | | 7/4 | 93/11 | 3/2 | | | |
| <u>Leiostomus xanthurus</u> | spot | 1749/18 | 406/14 | 1/1 | 3/2 | 5/4 | 90/14 | | 21/9 | 55/8 |
| <u>Menticirrhus sp.</u> | unident. kingfishes | | | 24/6 | 4/1 | 58/12 | 48/15 | | | |
| <u>Microgogon undulatus</u> | Atlantic croaker | 603/21 | 33/9 | 2/2 | | | 265/18 | 441/20 | 1025/19 | |
| Chaetodontidae | butterflyfishes | +3 | | +1 | +2 | | +1 | | +1 | +1 |
| Pomacentridae | damselfishes | | | +3 | +3 | +3 | +2 | | +3 | +2 |
| Labridae or Scaridae | wrasses or parrotfishes | | | +5 | +11 | +9 | +19 | +3 | +11 | +7 |
| <u>Tautoga onitis</u> | tautog | +7 | +4 | | 81/9 | 152/20 | 67/5 | 5/2 | | |
| <u>Tautoglabrus adspersus</u> | cunner | | | | | 3467/22 | 693/32 | 16/7 | | |
| Mugilidae | mulletts | +6 | +3 | +1 | +8 | +4 | | | +3 | +5 |

TABLE 1. (continued)

| T A X O N | | 65-4 Dec | 66-1 Jan-Feb | 66-3 Apr | 66-5 May | 66-7 June | 66-10 Aug | 66-11 Sept | 66-12 Sept-Oct | 66-14 Nov-Dec |
|--|----------------------------|-------------|-----------------|-------------|-------------|--------------|--------------|---------------|-------------------|------------------|
| Sphyraenidae | barracudas | | | +1 | +5 | +2 | +3 | | +4 | +3 |
| Uranoscopidae | stargazers | | | | | +4 | +12 | | +11 | +3 |
| Blenniidae | combtooth blennies | +1 | +1 | +34 | +26 | +14 | +11 | | +13 | +4 |
| Stichaeidae | pricklebacks | | | | +2 | | | | | |
| Pholidae | gunnels | | +20 | +15 | | | | | | |
| Ammodytidae | unident. sand lance | | | | | | | | | 53/3 |
| <u>Ammodytes</u> sp. | | | 1499/54 | 507/51 | 44/16 | | | | | |
| Callionymidae | dragonets | +11 | +3 | +1 | +6 | +6 | +16 | +1 | +11 | +11 |
| Gobiidae | gobies | +19 | +11 | +9 | +10 | +14 | +21 | +2 | +23 | +35 |
| Acanthuridae | surgeonfishes | +5 | | +1 | +6 | +2 | +2 | | +1 | +2 |
| Gempylidae | snake mackerels | +4 | +2 | +1 | +2 | +2 | | | +1 | +1 |
| Trichiuridae | cutlassfishes | +1 | +1 | | +4 | +1 | +4 | | +5 | +2 |
| Scombridae | | | | | | | | | | |
| <u>Acanthocybium</u> <u>solanderi</u> | wahoo | | | | | 4/1 | | | | |
| <u>Axius</u> sp. | frigate or bullet mackerel | | | | 359/6 | 821/7 | 1343/43 | 2/2 | 9/6 | |
| <u>Euthynnus</u> <u>alletteratus</u> | little tunny | | 1/1 | 17/2 | 12/4 | 4/2 | 90/12 | | 5/3 | |
| <u>Katsuwonus</u> <u>pelamis</u> | skipjack tuna | | | 3/2 | 10/2 | 10/2 | 3/2 | | | |
| <u>Sarda</u> <u>sarda</u> * | Atlantic bonito | | | | 1/6 | 9/9 | 232/20 | | | |
| <u>Scomber</u> <u>japonicus</u> * | chub mackerel | | 1/1 | | 2/1 | | | | | |
| <u>Scomber</u> <u>scombrus</u> * | Atlantic mackerel | | | | 1490/64 | 3293/37 | 76/5 | | | |
| <u>Scomberomorus</u> <u>cavalla</u> | king mackerel | | | | 28/3 | 2/1 | 18/5 | | 37/9 | |
| <u>Thunnus</u> <u>albacares</u> | yellowfin tuna | | | | 1/1 | 1/1 | | | | |
| <u>Thunnus</u> <u>albacares</u> or <u>alalunga</u> | | | | | 2/2 | 2/2 | 2/1 | | 1/1 | |
| <u>Thunnus</u> <u>obesus</u> or <u>atlanticus</u> | | | | | 1/1 | | | | | |
| <u>Thunnus</u> <u>thynnus</u> | bluefin tuna | | | 1/1 | | 2/2 | | | | |

TABLE 1. (continued)

| T A X O N | | 65-4 Dec | 66-1 Jan-Feb | 66-3 Apr | 66-5 May | 66-7 June | 66-10 Aug | 66-11 Sept | 66-12 Sept-Oct | 66-14 Nov-Dec |
|---|----------------------|-------------|-----------------|-------------|-------------|--------------|---------------|---------------|-------------------|------------------|
| Istiophoridae | billfishes | | | | +1 | +2 | | | | |
| Stromateidae | butterfishes | | | | +9 | +10 | +26 | +10 | +4 | +2 |
| <u>Peprilus triacanthus</u> | butterfish | +5 21/7 | 10/2 | +3 108/8 | 284/15 | 357/20 | 2545/66 | 116/19 | 151/27 | 20/9 |
| Scorpaeniformes | scorpionfishes | +6 | +4 | +8 | +9 | +6 | +11 | | +5 | +7 |
| Scorpaenidae | | | | | | | | | | |
| Triglidae | | | | | | | | | | |
| <u>Prionotus carolinus</u> | northern searobin | +5 92/9 | +2 8/3 | +5 66/7 | +8 15/5 | +8 435/20 | +16 738/36 | 215/10 | +22 8001/62 | +7 241/26 |
| <u>Prionotus evolans</u> | striped searobin | | | | | | 16/6 | | 2/2 | |
| Cottidae | sculpins | | +17 | +20 | +7 | | | | | |
| Cyclopteridae | | | | | | | | | | |
| <u>Liparis inquilinus</u> or <u>atlanticus</u> | seasnail | | | | 1/1 | 28/1 | | | | |
| <u>Liparis atlanticus</u> | inquiline seasnail | | | 2/1 | 393/22 | 35/4 | | | | |
| <u>Liparis inquilinus</u> | | | | | | 20/8 | | | | |
| Dactylopteriformes | | | | | | | | | | |
| Dactylopteridae | | | | | | | | | | |
| <u>Dactylopterus volitans</u> | flying gurnard | | | | +2 | +1 | +1 | | | |
| Pleuronectiformes | | | | | | | | | | |
| Bothidae | | | | | | | | | | |
| <u>Bothus ocellatus</u> | eyed flounder | 123/12 | 16/5 | 36/6 | 354/6 | 264/10 | 56/11 | 1/1 | 279/16 | 362/8 |
| <u>Citharichthys arctifrons</u> | Gulf Stream flounder | 34/12 | | 33/8 | 10/7 | 24/3 | 4266/44 | 2849/26 | 3675/44 | 273/30 |
| <u>Cyclopsetta fimbriata</u> | spotfin flounder | 1/1 | | 1/1 | 11/4 | 8/3 | 5/1 | | 22/9 | 4/3 |
| <u>Etropus microstomus</u> | smallmouth flounder | 467/12 | 68/7 | 12/5 | 23/6 | 185/22 | 1647/40 | 14/3 | 631/42 | 472/33 |
| <u>Monolene sessilicauda</u> | deepwater flounder | | | 1/1 | | 3/1 | 1/1 | 1/1 | | |
| <u>Paralichthys dentatus</u> * | summer flounder | 845/63 | 55/18 | 40/8 | 7/3 | | | 18/6 | 1424/42 | 520/73 |
| <u>Hippoglossina oblongus</u> | fourspot flounder | | | | 1/1 | 99/16 | 1541/51 | 532/25 | 552/35 | |
| <u>Scophthalmus aquosus</u> | windowpane | 2540/58 | 7/5 | 17/8 | 1270/33 | 123/17 | 128/12 | 75/17 | 2058/39 | 984/47 |
| <u>Syacium papillosum</u> | dusky flounder | 6/4 | | 4/2 | 363/9 | 273/9 | 262/15 | | 499/18 | 73/8 |

TABLE 1. (continued)

| T A X O N | | 65-4 Dec | 66-1 Jan-Feb | 66-3 Apr | 66-5 May | 66-7 June | 66-10 Aug | 66-11 Sept | 66-12 Sept-Oct | 66-14 Nov-Dec |
|--------------------------------------|------------------------------|-------------|-----------------|-------------|-------------|--------------|--------------|---------------|-------------------|------------------|
| Pleuronectidae | | | | | | | | | | |
| <u>Glyptocephalus cynoglossus</u> | witch flounder | | | 90/26 | 568/38 | 575/34 | 127/26 | 8/6 | 4/3 | |
| <u>Hippoglossoides platessoides</u> | American plaice | | | 101/10 | | | | | | |
| <u>Limanda ferruginea</u> | yellowtail flounder | 1/1 | 2549/45 | 10691/67 | 11088/50 | 4/3 | 217/25 | | | |
| <u>Pseudopleuronectes americanus</u> | winter flounder | | 1837/30 | 736/21 | 360/7 | | | | | |
| Cynoglossidae | | | | | | | | | | |
| <u>Symphurus</u> sp. | tonguefishes | 29/9 | 8/2 | 26/4 | 295/10 | 63/10 | 357/33 | | 124/20 | 100/10 |
| Tetraodontiformes | | | | | | | | | | |
| Balistidae | filefishes and triggerfishes | +1 | +2 | | +11 | +16 | +15 | | +10 | +1 |
| Tetraodontidae | puffers | +2 | +1 | +2 | +5 | +13 | +6 | +1 | +7 | +2 |
| Unidentified | | +27 | +17 | +43 | +56 | +46 | +65 | +20 | +61 | +21 |

TABLE 2. (continued)

| CRUISE STA. | TOW DEPTH (M) | DATE 1965 D M | TOW START EST | LIGHT COND. | WATER DEPTH (M) | ***** RANGE | TEMPERATURE MEAN | (C) SURF. | ***** BOT. | THERMOCLINE DEGREE | DEPTH (M) | **** RANGE | SALINITY 10/001 MEAN | **** SURF. | POSITION LAT. LONG. | ** SUN ** RISE SET |
|----------------|---------------------|---------------------|---------------------|----------------|-----------------------|----------------|---------------------|--------------|---------------|-----------------------|--------------|---------------|----------------------------|---------------|------------------------|-----------------------|
| K 4 | 18-24 | 13 12 | 0410 | NIGHT | 31 | 11.5-11.9 | 11.9 | 12.0 | 11.9 | NONE | - | 34.3-34.5 | 34.5 | 33.9 | 3622 75 23 | 0705 1647 |
| K 5 | 0-15 | 13 12 | 0607 | NIGHT | 35 | 11.3-11.5 | 11.3 | 11.5 | 11.3 | NONE | - | 32.5-32.9 | 32.6 | 32.9 | 3622 75 11 | 0704 1646 |
| K 5 | 18-24 | 13 12 | 0607 | NIGHT | 35 | 11.3-11.3 | 11.3 | 11.5 | 11.3 | NONE | - | 32.7-32.9 | 32.8 | 32.9 | 3622 75 11 | 0704 1646 |
| K 6 | 0-15 | 13 12 | 0948 | DAY | 48 | 11.3-11.4 | 11.3 | 11.4 | 11.2 | NONE | - | 32.8-33.1 | 33.0 | 32.8 | 3621 75 58 | 0703 1645 |
| K 6 | 18-33 | 13 12 | 0948 | DAY | 48 | 11.3-11.3 | 11.3 | 11.4 | 11.2 | NONE | - | 33.2-33.3 | 33.2 | 32.8 | 3621 75 58 | 0703 1645 |
| K 7 | 0-15 | 13 12 | 1139 | DAY | 260 | 10.3-10.3 | 10.3 | 10.3 | 10.5 | NONE | - | 32.4-33.6 | 33.5 | 33.4 | 3621 75 46 | 0702 1644 |
| K 7 | 18-33 | 13 12 | 1138 | DAY | 260 | 10.3-10.3 | 10.3 | 10.3 | 10.5 | NONE | - | 33.6-33.6 | 33.6 | 33.4 | 3621 75 46 | 0702 1644 |
| L 1 | 0-6 | 13 12 | 1939 | NIGHT | 18 | 11.3-11.5 | 11.4 | 11.3 | 11.7 | NONE | - | 33.6-34.6 | 34.2 | 34.6 | 3546 75 30 | 0703 1649 |
| L 2 | 0-6 | 13 12 | 2044 | NIGHT | 24 | 11.5-11.9 | 11.9 | 11.9 | 11.9 | NONE | - | 33.9-34.3 | 34.1 | 33.9 | 3546 75 24 | 0702 1649 |
| L 3 | 0-15 | 13 12 | 2152 | NIGHT | 35 | 12.1-12.4 | 12.3 | 12.4 | 12.2 | NONE | - | 34.1-34.2 | 34.2 | 34.2 | 3546 75 17 | 0702 1648 |
| L 3 | 18-24 | 13 12 | 2152 | NIGHT | 35 | 12.2-12.2 | 12.2 | 12.4 | 12.2 | NONE | - | 33.9-34.1 | 34.0 | 34.2 | 3546 75 17 | 0702 1648 |
| L 4 | 0-15 | 14 12 | 0125 | NIGHT | 43 | 11.8-12.2 | 12.0 | 12.2 | 11.8 | NONE | - | 33.8-33.8 | 33.8 | 33.8 | 3545 75 05 | 0702 1647 |
| L 4 | 18-33 | 14 12 | 0125 | NIGHT | 43 | 11.8-11.8 | 11.8 | 12.2 | 11.8 | NONE | - | 32.8-33.9 | 33.8 | 33.8 | 3545 75 05 | 0702 1647 |
| L 5 | 0-15 | 14 12 | 0315 | NIGHT | 105 | 11.5-12.5 | 11.7 | 11.8 | 12.7 | - | - | 33.9-34.4 | 34.0 | 33.9 | 3545 75 52 | 0701 1646 |
| L 5 | 18-33 | 14 12 | 0315 | NIGHT | 105 | 12.4-12.4 | 12.4 | 11.8 | 12.7 | - | - | 34.7-35.0 | 34.9 | 33.9 | 3545 75 52 | 0701 1646 |
| M 1 | 0-3 | 14 12 | 1838 | NIGHT | 13 | 12.4-12.4 | 12.4 | 12.4 | 12.5 | NONE | - | 34.1-34.4 | 34.2 | 34.1 | 3518 75 29 | 0702 1651 |
| M 2 | 0-9 | 14 12 | 1720 | NIGHT | 18 | 12.6-12.7 | 12.6 | 12.7 | 12.6 | NONE | - | - | - | - | 3516 75 23 | 0702 1651 |
| M 3 | 0-15 | 14 12 | 1553 | DAY | 20 | 12.7-12.8 | 12.7 | 12.8 | 12.7 | NONE | - | 33.2-34.5 | 33.6 | 34.5 | 3514 75 16 | 0701 1650 |
| M 4 | 0-15 | 14 12 | 1445 | DAY | 26 | 13.0-13.1 | 13.1 | 13.1 | 12.8 | NONE | - | 34.1-34.5 | 34.2 | 34.5 | 3512 75 12 | 0701 1650 |
| M 4 | 18-24 | 14 12 | 1445 | DAY | 26 | 12.8-13.0 | 12.9 | 13.1 | 12.8 | NONE | - | 34.2-34.2 | 34.2 | 34.5 | 3512 75 12 | 0701 1650 |
| M 5 | 0-15 | 14 12 | 1235 | DAY | 90 | 23.1-23.1 | 23.1 | 23.1 | 20.1 | GRADUAL | - | - | - | - | 3510 75 07 | 0700 1649 |
| M 5 | 18-33 | 14 12 | 1235 | DAY | 90 | 22.5-23.1 | 22.8 | 23.1 | 20.1 | GRADUAL | - | - | - | - | 3510 75 07 | 0700 1649 |
| N 1 | 0-6 | 15 12 | 0005 | NIGHT | 19 | 14.3-14.4 | 14.3 | 14.4 | 14.3 | NONE | - | 34.6-34.8 | 34.7 | 34.6 | 3501 75 57 | 0700 1650 |
| N 2 | 0-15 | 15 12 | 0058 | NIGHT | 24 | 18.4-18.8 | 18.5 | 18.4 | 19.4 | NONE | - | 35.1-35.8 | 35.5 | 35.1 | 3456 75 55 | 0700 1650 |
| N 3 | 0-15 | 15 12 | 0341 | NIGHT | 25 | 17.5-17.5 | 17.5 | 17.5 | 17.8 | NONE | - | 35.3-36.5 | 35.8 | 36.5 | 3451 75 52 | 0702 1653 |
| N 4 | 0-15 | 15 12 | 0520 | NIGHT | 45 | 19.1-20.6 | 20.1 | 20.6 | 17.6 | GRADUAL | - | 36.3-36.8 | 36.6 | 36.8 | 3442 75 48 | 0703 1654 |
| N 4 | 18-33 | 15 12 | 0520 | NIGHT | 45 | 17.6-18.9 | 18.2 | 20.6 | 17.6 | GRADUAL | - | 36.1-36.2 | 36.1 | 36.8 | 3442 75 46 | 0703 1654 |
| N 5 | 0-15 | 15 12 | 0900 | DAY | 128 | 20.5-20.5 | 20.5 | 20.5 | 17.0 | GRADUAL | - | 36.3-36.3 | 36.3 | 36.3 | 3433 75 44 | 0702 1654 |
| N 5 | 18-33 | 15 12 | 0900 | DAY | 128 | 19.5-20.4 | 20.2 | 20.5 | 17.0 | GRADUAL | - | 36.3-36.3 | 36.3 | 36.3 | 3433 75 44 | 0702 1654 |
| P 1 | 0-3 | 15 12 | 2051 | NIGHT | 15 | 12.6-12.7 | 12.7 | 12.7 | 12.6 | NONE | - | 35.4-35.5 | 35.5 | 35.5 | 3438 75 40 | 0706 1658 |
| P 2 | 0-6 | 15 12 | 1925 | NIGHT | 17 | 15.3-16.3 | 15.8 | 16.3 | 15.0 | WEAK | 5-9 | 36.2-36.4 | 36.3 | 36.4 | 3429 76 32 | 0705 1657 |
| P 3 | 0-15 | 15 12 | 1810 | NIGHT | 26 | 14.6-18.4 | 16.9 | 18.4 | 14.4 | GRADUAL | - | 36.2-36.2 | 36.2 | 36.2 | 3421 75 26 | 0705 1658 |
| P 4 | 0-15 | 15 12 | 1630 | DUSK | 34 | 22.4-23.2 | 23.0 | 23.2 | 19.3 | GRADUAL | - | 36.9-37.5 | 37.1 | 36.5 | 3413 76 20 | 0703 1657 |
| P 4 | 18-33 | 15 12 | 1630 | DUSK | 34 | 19.3-22.3 | 21.5 | 23.2 | 19.3 | GRADUAL | - | - | - | 36.9 | 3413 75 20 | 0703 1657 |
| P 5 | 0-15 | 15 12 | 1335 | DAY | 82 | 25.4-25.4 | 25.4 | 25.4 | 23.5 | GRADUAL | - | 37.4-37.8 | 37.6 | 37.8 | 3404 75 13 | 0703 1657 |
| P 5 | 18-33 | 15 12 | 1335 | DAY | 82 | 25.4-25.4 | 25.4 | 25.4 | 23.5 | GRADUAL | - | 37.2-37.7 | 37.5 | 37.8 | 3404 76 13 | 0702 1657 |

TABLE 2. (continued)

| CRUISE D6601 STA. | TOW DEPTH (M) | DATE 1966 D M | TOW START HST | LIGHT COND. | WATER DEPTH (M) | ***** RANGE | TEMPERATURE MEAN SURF. | (C) BOT. | ***** DEGREE | THERMOCLINE DEPTH (M) | **** SALINITY 10/CO | **** SURF. | POSITION LAT. LONG. | ** SUN ** RISE SET |
|-------------------------|---------------------|---------------------|---------------------|----------------|-----------------------|----------------|---------------------------|-------------|-----------------|-----------------------------|---------------------------|---------------|------------------------|-----------------------|
| A 1 | 0-6 | 26 1 | 1627 | DUSK | 16 | 1.1- 1.1 | 1.1 1.1 | 1.1 | NONE | - | 32.3-32.3 | 32.3 | 4117 7048 | C70C 1651 |
| A 2 | 0-15 | 26 1 | 1729 | NIGHT | 33 | 0.8- 0.9 | 0.9 0.8 | 0.9 | NONE | - | 32.4-32.4 | 32.4 | 4112 7047 | C700 1652 |
| B 1 | 0-15 | 26 1 | 0653 | DAWN | 22 | 1.6- 2.1 | 1.8 1.6 | 2.1 | NONE | - | 30.9-31.6 | 31.2 | 4103 7151 | C704 1656 |
| B 2 | 0-15 | 26 1 | 0542 | NIGHT | 34 | 2.4- 2.5 | 2.4 2.5 | 2.7 | NONE | - | 32.0-32.2 | 32.1 | 4058 7149 | C703 1656 |
| B 3 | 0-15 | 26 1 | 0429 | NIGHT | 46 | 3.2- 3.2 | 3.2 3.2 | 3.2 | NONE | - | 32.3-32.3 | 32.3 | 4054 7147 | C703 1656 |
| B 3 | 18-33 | 26 1 | 0429 | NIGHT | 48 | 3.2- 3.2 | 3.2 3.2 | 3.2 | NONE | - | 32.3-32.4 | 32.3 | 4054 7147 | C703 1656 |
| B 4 | 0-15 | 26 1 | 0254 | NIGHT | 60 | 4.1- 4.1 | 4.1 4.1 | 4.1 | NONE | - | 32.3-32.3 | 32.3 | 4044 7144 | C703 1657 |
| B 4 | 18-33 | 26 1 | 0254 | NIGHT | 60 | 4.1- 4.1 | 4.1 4.1 | 4.1 | NONE | - | 31.9-32.3 | 32.2 | 4044 7144 | C703 1657 |
| B 5 | 0-15 | 26 1 | 0115 | NIGHT | 73 | 4.8- 4.8 | 4.8 4.8 | 4.8 | NONE | - | 32.3-32.5 | 32.4 | 4034 7140 | C702 1657 |
| B 5 | 18-33 | 26 1 | 0115 | NIGHT | 73 | 4.8- 4.8 | 4.8 4.8 | 4.8 | NONE | - | 32.3-32.4 | 32.4 | 4034 7140 | C702 1657 |
| B 6 | 0-15 | 25 1 | 2347 | NIGHT | 80 | 4.9- 4.9 | 4.9 4.9 | 4.9 | NONE | - | 32.3-32.3 | 32.3 | 4020 7135 | C701 1655 |
| B 6 | 18-33 | 25 1 | 2347 | NIGHT | 80 | 4.9- 4.9 | 4.9 4.9 | 4.9 | NONE | - | 32.3-32.4 | 32.3 | 4020 7135 | C701 1655 |
| B 7 | 0-15 | 25 1 | 2144 | NIGHT | 89 | 4.8- 4.8 | 4.8 4.8 | 4.8 | NONE | - | 32.3-32.4 | 32.4 | 4005 7129 | C701 1656 |
| B 7 | 18-33 | 25 1 | 2144 | NIGHT | 89 | 4.8- 4.8 | 4.8 4.8 | 4.8 | NONE | - | 32.4-32.5 | 32.4 | 4005 7129 | C701 1656 |
| C 1 | 0-15 | 2 2 | 0106 | NIGHT | 21 | -0.6- 0.9 | 0.3 -0.8 | 0.9 | WEAK | 2-9 | 30.7-32.6 | 31.9 | 4035 7317 | C702 1711 |
| C 2 | 0-15 | 2 2 | 0158 | NIGHT | 26 | -0.3- 1.7 | 1.4 -0.3 | 1.7 | WEAK | 0-5 | 31.7-32.5 | 32.3 | 4031 7314 | C702 1711 |
| C 3 | 0-15 | 2 2 | 0257 | NIGHT | 32 | 1.5- 2.0 | 1.8 1.5 | 2.1 | NONE | - | 32.2-32.5 | 32.3 | 4027 7310 | C702 1712 |
| C 3 | 18-24 | 2 2 | 0257 | NIGHT | 32 | 2.1- 2.1 | 2.1 1.5 | 2.1 | NONE | - | 32.4-32.5 | 32.4 | 4027 7310 | C702 1712 |
| C 4 | 0-15 | 3 2 | 0242 | NIGHT | 39 | 3.0- 3.1 | 3.0 3.1 | 3.0 | NONE | - | 32.4-32.6 | 32.5 | 4019 7303 | C704 1716 |
| C 4 | 18-24 | 3 2 | 0242 | NIGHT | 35 | 3.0- 3.0 | 3.0 3.1 | 3.0 | NONE | - | 32.3-32.6 | 32.5 | 4019 7303 | C704 1716 |
| C 5 | 0-15 | 3 2 | 2208 | NIGHT | 48 | 3.8- 3.8 | 3.8 3.8 | 3.8 | NONE | - | 32.4-32.6 | 32.5 | 4010 7255 | C659 1712 |
| C 5 | 18-33 | 3 2 | 2208 | NIGHT | 48 | 3.8- 3.8 | 3.8 3.8 | 3.8 | NONE | - | 32.5-32.6 | 32.6 | 4010 7255 | C659 1712 |
| C 6 | 0-15 | 4 2 | 0010 | NIGHT | 57 | 4.3- 4.3 | 4.3 4.3 | 4.2 | NONE | - | 32.5-32.6 | 32.6 | 3958 7244 | C657 1713 |
| C 6 | 18-33 | 4 2 | 0010 | NIGHT | 57 | 4.2- 4.2 | 4.2 4.3 | 4.2 | NONE | - | 32.6-32.6 | 32.6 | 3958 7244 | C657 1713 |
| C 7 | 0-15 | 4 2 | 0220 | NIGHT | 67 | 4.7- 5.0 | 4.8 4.7 | 7.1 | WEAK | 47-56 | 32.6-32.7 | 32.6 | 3946 7233 | C656 1712 |
| C 7 | 18-33 | 4 2 | 0220 | NIGHT | 67 | 5.0- 5.0 | 5.0 4.7 | 7.1 | WEAK | 47-56 | 32.6-32.8 | 32.7 | 3946 7233 | C656 1712 |
| C 8 | 0-15 | 4 2 | 0408 | NIGHT | 110 | 5.8- 5.8 | 5.8 5.8 | 7.8 | WEAK | 83-88 | 33.1-33.3 | 33.2 | 3934 7222 | C655 1713 |
| C 8 | 18-33 | 4 2 | 0408 | NIGHT | 110 | 5.8- 5.8 | 5.8 5.8 | 7.8 | WEAK | 83-88 | 33.2-33.3 | 33.2 | 3934 7222 | C655 1713 |
| D 1 | 0-6 | 4 2 | 1729 | NIGHT | 16 | 0.8- 0.9 | 0.9 0.8 | 0.9 | NONE | - | 31.8-31.9 | 31.9 | 3951 7404 | C704 1722 |
| D 2 | 0-6 | 4 2 | 1816 | NIGHT | 22 | 1.4- 1.4 | 1.4 1.4 | 1.5 | NONE | - | 32.5-32.5 | 32.5 | 3948 7359 | C702 1718 |
| D 3 | 0-15 | 4 2 | 1910 | NIGHT | 25 | 1.5- 1.9 | 1.9 1.9 | 1.9 | NONE | - | 32.7-32.8 | 32.7 | 3945 7354 | C701 1718 |
| D 4 | 0-15 | 4 2 | 2029 | NIGHT | 27 | 2.4- 2.4 | 2.4 2.4 | 2.4 | NONE | - | 32.8-33.0 | 32.9 | 3939 7343 | C700 1718 |
| D 5 | 0-15 | 4 2 | 2220 | NIGHT | 37 | 2.5- 2.9 | 2.9 2.9 | 2.9 | NONE | - | 32.9-33.1 | 32.9 | 3932 7333 | C655 1717 |
| D 5 | 18-24 | 4 2 | 2220 | NIGHT | 37 | 2.9- 2.9 | 2.9 2.9 | 2.9 | NONE | - | 33.3-33.5 | 33.5 | 3932 7333 | C659 1717 |
| D 6 | 0-15 | 4 2 | 1210 | DAY | 50 | 3.2- 3.2 | 3.2 3.2 | 3.1 | NONE | - | 32.8-32.7 | 32.6 | 3923 7319 | C658 1716 |
| D 6 | 18-33 | 4 2 | 1210 | DAY | 50 | 3.1- 3.1 | 3.1 3.2 | 3.1 | NONE | - | 32.7-33.1 | 32.9 | 3923 7319 | C658 1716 |
| D 7 | 0-15 | 4 2 | 1014 | DAY | 70 | 4.8- 4.8 | 4.8 4.8 | 7.1 | WEAK | 47-55 | 32.5-33.3 | 33.0 | 3914 7303 | C700 1719 |
| D 7 | 18-33 | 4 2 | 1016 | DAY | 70 | 4.8- 4.9 | 4.8 4.8 | 7.1 | WEAK | 47-55 | 33.1-33.3 | 33.1 | 3914 7303 | C700 1719 |
| D 8 | 0-15 | 4 2 | 0827 | DAY | 110 | 4.8- 5.0 | 4.9 4.8 | 7.2 | WEAK | 91-99 | 33.0-33.2 | 33.1 | 3906 7250 | C655 1715 |
| D 8 | 18-33 | 4 2 | 0827 | DAY | 110 | 5.0- 5.1 | 5.0 4.8 | 7.2 | WEAK | 91-99 | 33.2-33.4 | 33.3 | 3906 7250 | C655 1715 |
| E 1 | 0-6 | 5 2 | 0321 | NIGHT | 14 | -1.8- -1.6 | -1.8 -1.8 | -1.6 | NONE | - | 30.5-30.7 | 30.6 | 3917 7431 | C702 1722 |
| E 2 | 0-6 | 5 2 | 0415 | NIGHT | 17 | -1.4- -1.3 | -1.3 -1.4 | -1.2 | NONE | - | 31.6-31.7 | 31.7 | 3914 7425 | C701 1723 |
| E 3 | 0-6 | 5 2 | 0508 | NIGHT | 20 | -0.5- -0.5 | -0.5 -0.5 | -0.5 | NONE | - | 31.0-33.2 | 32.3 | 3911 7420 | C700 1722 |
| E 4 | 0-15 | 5 2 | 0635 | DAWN | 30 | 1.3- 1.3 | 1.3 1.3 | 1.3 | NONE | - | 32.5-32.2 | 32.9 | 3905 7409 | C700 1722 |
| E 5 | 0-15 | 5 2 | 0804 | DAY | 37 | 2.5- 2.9 | 2.9 2.9 | 2.9 | NONE | - | 32.6-33.3 | 32.8 | 3859 7359 | C659 1721 |
| E 5 | 18-24 | 5 2 | 0804 | DAY | 37 | 2.9- 2.9 | 2.9 2.9 | 2.9 | NONE | - | 33.2-33.8 | 33.6 | 3859 7359 | C659 1721 |
| E 6 | 0-15 | 5 2 | 0933 | DAY | 42 | 3.5- 3.9 | 3.9 3.9 | 3.9 | NONE | - | 32.7-33.7 | 33.1 | 3854 7349 | C658 1720 |
| E 6 | 18-24 | 5 2 | 0933 | DAY | 42 | 3.9- 3.9 | 3.9 3.9 | 3.9 | NONE | - | 33.9-34.0 | 33.9 | 3854 7349 | C658 1720 |
| E 7 | 0-15 | 5 2 | 1126 | DAY | 66 | 4.8- 4.9 | 4.8 4.8 | 6.4 | GRADUAL | - | 33.6-34.0 | 33.9 | 3845 7333 | C656 1719 |
| E 7 | 18-33 | 5 2 | 1126 | DAY | 66 | 4.5- 5.3 | 5.0 4.8 | 6.4 | GRADUAL | - | 33.5-34.2 | 33.8 | 3845 7333 | C656 1719 |
| E 8 | 0-15 | 5 2 | 1326 | DAY | 121 | 5.6- 5.6 | 5.6 5.6 | 5.6 | NONE | - | 33.6-33.6 | 33.6 | 3836 7318 | C655 1719 |
| E 8 | 18-33 | 5 2 | 1326 | DAY | 121 | 5.6- 5.6 | 5.6 5.6 | 5.6 | NONE | - | 33.6-33.7 | 33.6 | 3836 7318 | C655 1719 |
| F 2 | 0-6 | 6 2 | 0520 | NIGHT | 22 | -1.6- -1.6 | -1.6 -1.6 | -1.3 | NONE | - | 30.7-31.8 | 31.2 | 3843 7458 | C701 1727 |
| F 3 | 0-15 | 6 2 | 0359 | NIGHT | 24 | -1.4- -0.6 | -1.2 -1.4 | 0.5 | NONE | - | 31.1-32.4 | 31.6 | 3840 7452 | C700 1726 |
| F 4 | 0-15 | 6 2 | 0242 | NIGHT | 26 | 0.7- 0.9 | 0.8 0.8 | 0.8 | NONE | - | 32.8-32.2 | 32.7 | 3835 7441 | C700 1726 |
| F 5 | 0-15 | 6 2 | 0108 | NIGHT | 34 | 1.5- 1.8 | 1.7 1.6 | 1.5 | NONE | - | 32.6-33.2 | 32.0 | 3829 7430 | C655 1725 |
| F 5 | 18-24 | 6 2 | 0108 | NIGHT | 34 | 1.5- 1.5 | 1.5 1.6 | 1.5 | NONE | - | 33.2-33.4 | 33.3 | 3829 7430 | C659 1725 |
| F 6 | 0-15 | 5 2 | 2246 | NIGHT | 52 | 5.1- 5.1 | 5.1 5.1 | 5.1 | NONE | - | 32.3-24.3 | 32.7 | 3821 7413 | C655 1723 |
| F 6 | 18-33 | 5 2 | 2246 | NIGHT | 52 | 5.1- 5.1 | 5.1 5.1 | 5.1 | NONE | - | 33.8-34.1 | 34.0 | 3821 7413 | C659 1723 |
| F 7 | 0-15 | 5 2 | 1747 | NIGHT | 78 | 5.4- 5.4 | 5.4 5.4 | 6.3 | NONE | - | | | 3813 7357 | C658 1722 |
| F 7 | 18-33 | 5 2 | 1747 | NIGHT | 78 | 5.4- 5.4 | 5.4 5.4 | 6.3 | NONE | - | | | 3813 7357 | C657 1723 |
| G 1 | 0-6 | 6 2 | 0246 | DAY | 13 | -0.1- -0.1 | -0.1 -0.1 | -0.1 | NONE | - | 32.5-32.5 | 32.5 | 3807 7505 | C701 1729 |
| G 2 | 0-6 | 6 2 | 1246 | DAY | 16 | 0.8- 0.8 | 0.8 0.8 | 0.8 | NONE | - | 33.3-33.3 | 33.3 | 3804 7504 | C700 1728 |
| G 3 | 0-15 | 6 2 | 1147 | DAY | 21 | 1.1- 1.2 | 1.2 1.1 | 1.1 | NONE | - | 33.3-33.5 | 33.4 | 3801 7459 | C700 1728 |
| G 4 | 0-15 | 6 2 | 0103 | NIGHT | 27 | 2.6- 2.7 | 2.6 2.6 | 2.8 | NONE | - | 32.7-33.3 | 33.0 | 3756 7448 | C655 1727 |
| G 5 | 0-15 | 6 2 | 1428 | DAY | 52 | 3.6- 3.7 | 3.6 3.6 | 4.3 | NONE | - | 33.0-33.2 | 33.1 | 3750 7438 | C659 1728 |
| G 5 | 18-33 | 6 2 | 1428 | DAY | 52 | 3.9- 4.1 | 4.0 3.6 | 4.3 | NONE | - | 33.4-33.9 | 33.7 | 3750 7438 | C655 1728 |
| G 6 | 0-15 | 6 2 | 1611 | DAY | 86 | 5.5- 5.5 | 5.5 5.5 | 5.3 | NONE | - | 33.8-34.1 | 33.9 | 3742 7422 | C656 1727 |
| G 6 | 18-33 | 6 2 | 1611 | DAY | 86 | 5.3- 5.5 | 5.4 5.5 | 5.3 | NONE | - | 34.2-34.5 | 34.3 | 3742 7422 | C656 1727 |
| H 1 | 0-3 | 7 2 | 1253 | NIGHT | 11 | -0.2- 1.4 | -0.2 -0.2 | 0.2 | NONE | - | 31.5-31.7 | 31.6 | 3734 7533 | C700 1732 |
| H 2 | 0-6 | 7 2 | 0200 | NIGHT | 16 | 0.5- 0.7 | 0.6 0.5 | 0.7 | NONE | - | 31.6-32.0 | 31.8 | 3732 7528 | C700 1732 |
| H 3 | 0-6 | 7 2 | 0059 | NIGHT | 22 | 1.5- 1.6 | 1.6 1.5 | 1.6 | NONE | - | 32.2-32.4 | 32.3 | 3730 7522 | C659 1731 |
| H 4 | 0-15 | 6 2 | 2322 | NIGHT | 27 | 2.8- 2.8 | 2.8 2.8 | 2.8 | NONE | - | 32.7-33.0 | 32.9 | 3727 7510 | C700 1730 |
| H 5 | 0-15 | 6 2 | 2206 | NIGHT | 35 | 4.5- 4.7 | 4.6 4.5 | 4.7 | NONE | - | 33.2-33.6 | 33.4 | 3723 7458 | C655 1729 |
| H 5 | 18-24 | 6 2 | 2206 | NIGHT | 35 | 4.7- 4.7 | 4.7 4.5 | 4.7 | NONE | - | 33.5-33.5 | 33.5 | 3723 7458 | C659 1729 |
| H 6 | 0-15 | 6 2 | 2311 | NIGHT | 83 | 5.5- 5.9 | 5.7 5.8 | 5.5 | NONE | - | 34.0-34.2 | 34.1 | 3718 7440 | C658 1729 |
| H 6 | 18-33 | 6 2 | 2311 | NIGHT | 83 | 5.2- 5.5 | 5.4 5.8 | 5.5 | NONE | - | 34.2-34.3 | 34.3 | 3718 7440 | C658 1729 |
| H 7 | 0-15 | 6 2 | 1903 | NIGHT | 129 | 7.8- 7.9 | 7.8 7.9 | 5.2 | STRONG | 31-40 | 34.2-34.5 | 34.4 | 3716 7434 | C657 1728 |
| H 7 | 18-33 | 6 2 | 1903 | NIGHT | 129 | 6.7- 7.8 | 7.6 7.9 | 5.2 | STRONG | 31-40 | 34.4-34.9 | 34.5 | 3716 7434 | C657 1728 |

TABLE 2. (continued)

| CRUISE [6601 STA.] | TOW DEPTH (M) | DATE 1966 D M | TOW START EST | LIGHT COND. | WATER DEPTH (M) | ***** RANGE | TEMPERATURE MEAN SURF. | (C) BOT. | ***** DEGREE | THERMOCLINE DEPTH (M) | **** RANGE | SALINITY (0/00) MEAN | **** SURF. | POSITION LAT. LONC. | ** SUN ** RISE SET |
|--------------------------|---------------------|---------------------|---------------------|----------------|-----------------------|----------------|---------------------------|-------------|-----------------|-----------------------------|---------------|----------------------------|---------------|------------------------|-----------------------|
| J 1 | 0-6 | 7 2 | 0721 | DAY | 11 | 0.4-0.7 | 0.5 | 0.7 | 0.4 | NONE | - | 30.2-30.8 | 30.4 | 30.7 | 3655 7558 0657 1731 |
| J 2 | 0-6 | 7 2 | 0812 | DAY | 12 | 0.6-0.6 | 0.6 | 0.6 | 0.6 | NONE | - | 30.0-30.4 | 30.2 | 30.0 | 3655 7552 0700 1734 |
| J 3 | 0-6 | 7 2 | 0906 | DAY | 12 | 1.1-1.2 | 1.2 | 1.1 | 1.2 | NONE | - | 31.5-31.7 | 31.6 | 31.4 | 3654 7545 0700 1734 |
| J 4 | 0-15 | 7 2 | 1030 | DAY | 20 | 2.4-2.6 | 2.4 | 2.6 | 2.4 | NONE | - | 32.3-32.7 | 32.6 | 32.2 | 3653 7533 0659 1733 |
| J 5 | 0-15 | 7 2 | 1143 | DAY | 26 | 3.5-3.6 | 3.5 | 3.6 | 3.5 | NONE | - | 32.9-33.0 | 33.0 | 32.9 | 3652 7521 0658 1732 |
| J 6 | 0-15 | 7 2 | 1321 | DAY | 25 | 5.1-5.4 | 5.1 | 5.4 | 5.3 | NONE | - | 33.4-33.6 | 33.5 | 33.4 | 3650 7502 0657 1731 |
| J 6 | 18-24 | 7 2 | 1321 | DAY | 35 | 5.1-5.3 | 5.2 | 5.4 | 5.3 | NONE | - | 33.6-33.7 | 33.6 | 33.4 | 3650 7502 0657 1731 |
| J 7 | 0-15 | 7 2 | 1514 | DAY | 84 | 7.1-7.3 | 7.2 | 7.1 | 7.7 | - | - | 33.7-34.2 | 33.9 | 33.7 | 3648 7444 0656 1731 |
| J 7 | 18-33 | 7 2 | 1514 | DAY | 84 | 7.4-8.4 | 7.7 | 7.1 | 7.7 | - | - | 34.0-34.5 | 34.1 | 33.7 | 3648 7444 0656 1731 |
| K 1 | 0-6 | 8 2 | 0138 | NIGHT | 15 | 1.5-1.6 | 1.5 | 1.6 | 1.5 | NONE | - | 30.9-31.2 | 31.1 | 30.9 | 3623 7548 0659 1736 |
| K 2 | 0-15 | 8 2 | 0038 | NIGHT | 25 | 1.5-1.9 | 1.6 | 1.8 | 2.1 | NONE | - | 31.2-32.1 | 31.6 | 31.2 | 3623 7542 0659 1736 |
| K 3 | 0-15 | 7 2 | 2332 | NIGHT | 22 | 3.4-3.8 | 3.5 | 3.8 | 3.4 | NONE | - | 32.6-32.6 | 32.6 | 32.6 | 3622 7536 0655 1734 |
| K 4 | 0-15 | 7 2 | 2220 | NIGHT | 31 | 4.1-4.1 | 4.1 | 4.1 | 4.1 | NONE | - | 32.6-32.8 | 32.7 | 32.6 | 3622 7523 0659 1734 |
| K 5 | 0-15 | 7 2 | 2101 | NIGHT | 34 | 5.1-5.1 | 5.1 | 5.1 | 5.2 | NONE | - | 33.3-33.3 | 33.3 | 33.2 | 3622 7511 0658 1733 |
| K 5 | 18-24 | 7 2 | 2101 | NIGHT | 34 | 5.1-5.1 | 5.1 | 5.1 | 5.2 | NONE | - | 33.3-33.3 | 33.3 | 33.2 | 3622 7511 0658 1733 |
| K 6 | 0-15 | 7 2 | 1938 | NIGHT | 50 | 14.4-14.8 | 14.7 | 14.4 | 13.2 | NONE | - | 34.9-35.1 | 35.0 | 34.9 | 3621 7458 0657 1732 |
| K 6 | 18-33 | 7 2 | 1938 | NIGHT | 50 | 13.4-14.7 | 14.0 | 14.4 | 13.2 | NONE | - | 35.0-35.0 | 35.0 | 34.9 | 3621 7458 0657 1732 |
| K 7 | 0-15 | 7 2 | 1807 | NIGHT | 725 | 16.0-16.0 | 16.0 | 16.0 | 11.5 | WEAK | 74-92 | 35.3-35.3 | 35.3 | 35.3 | 3621 7446 0656 1731 |
| K 7 | 18-33 | 7 2 | 1807 | NIGHT | 725 | 16.0-16.0 | 16.0 | 16.0 | 11.5 | WEAK | 74-92 | 35.3-35.4 | 35.4 | 35.3 | 3621 7446 0656 1731 |
| L 1 | 0-6 | 8 2 | 0711 | DAY | 19 | 2.0-2.4 | 2.2 | 2.4 | 2.0 | NONE | - | 31.9-31.9 | 31.9 | 31.9 | 3546 7530 0657 1736 |
| L 2 | 0-6 | 8 2 | 0824 | DAY | 23 | 3.3-3.4 | 3.4 | 3.3 | 3.4 | NONE | - | 32.4-32.4 | 32.4 | 32.3 | 3546 7524 0657 1736 |
| L 3 | 0-15 | 8 2 | 0927 | DAY | 34 | 3.9-4.1 | 4.0 | 4.1 | 3.9 | NONE | - | 32.6-32.9 | 32.7 | 32.6 | 3546 7517 0656 1735 |
| L 3 | 18-24 | 8 2 | 0927 | DAY | 34 | 3.9-3.9 | 3.9 | 4.1 | 3.9 | NONE | - | 32.8-32.8 | 32.8 | 32.6 | 3546 7517 0656 1735 |
| L 4 | 0-15 | 8 2 | 1050 | DAY | 48 | 5.0-5.1 | 5.1 | 5.1 | 4.8 | NONE | - | 32.8-32.9 | 32.9 | 32.8 | 3545 7505 0655 1734 |
| L 4 | 18-33 | 8 2 | 1050 | DAY | 48 | 4.8-4.9 | 4.8 | 5.1 | 4.8 | NONE | - | 33.0-33.0 | 33.0 | 32.8 | 3545 7505 0655 1734 |
| L 5 | 0-15 | 8 2 | 1225 | DAY | 145 | 13.5-14.5 | 14.4 | 14.5 | 11.1 | GRADUAL | - | 34.7-35.0 | 34.9 | 35.0 | 3545 7452 0654 1733 |
| L 5 | 18-33 | 8 2 | 1225 | DAY | 145 | 12.2-13.2 | 12.7 | 14.5 | 11.1 | GRADUAL | - | 34.6-34.9 | 34.7 | 35.0 | 3545 7452 0654 1733 |
| M 1 | 0-6 | 8 2 | 1633 | DAY | 13 | 3.3-3.4 | 3.3 | 3.4 | 3.3 | NONE | - | 31.6-31.6 | 31.6 | 31.6 | 3518 7529 0656 1737 |
| M 2 | 0-6 | 8 2 | 1726 | DUSK | 20 | 3.7-3.8 | 3.8 | 3.7 | 3.9 | NONE | - | 31.7-31.7 | 31.7 | 31.7 | 3516 7523 0656 1737 |
| M 3 | 0-6 | 8 2 | 1822 | NIGHT | 20 | 3.9-3.9 | 3.9 | 3.9 | 4.0 | NONE | - | 32.3-32.3 | 32.3 | 32.3 | 3514 7518 0655 1736 |
| M 4 | 0-15 | 8 2 | 1915 | NIGHT | 42 | 5.3-5.4 | 5.3 | 5.4 | 5.3 | NONE | - | 32.2-32.2 | 32.2 | 32.8 | 3512 7512 0655 1736 |
| M 4 | 18-33 | 8 2 | 1915 | NIGHT | 42 | 5.3-5.3 | 5.3 | 5.4 | 5.3 | NONE | - | 33.0-33.1 | 33.1 | 32.8 | 3512 7512 0655 1736 |
| M 5 | 0-15 | 8 2 | 2018 | NIGHT | 139 | 12.2-17.0 | 16.0 | 17.0 | 10.0 | STRONG | 9-16 | 34.0-35.1 | 34.7 | 35.1 | 3510 7507 0654 1735 |
| M 5 | 18-33 | 8 2 | 2018 | NIGHT | 139 | 10.0-11.5 | 10.6 | 17.0 | 10.0 | STRONG | 9-16 | 34.2-34.4 | 34.3 | 35.1 | 3510 7507 0654 1735 |
| N 1 | 0-6 | 9 2 | 0034 | NIGHT | 19 | 5.5-5.8 | 5.6 | 5.5 | 6.4 | NONE | - | 31.3-31.5 | 31.4 | 31.3 | 3501 7557 0652 1736 |
| N 2 | 0-15 | 9 2 | 0126 | NIGHT | 24 | 7.9-8.6 | 8.1 | 7.9 | 8.6 | GRADUAL | - | 32.7-33.1 | 33.0 | 32.7 | 3456 7555 0652 1737 |
| N 3 | 0-15 | 9 2 | 0218 | NIGHT | 30 | 7.7-8.0 | 8.3 | 7.7 | 10.6 | GRADUAL | - | 32.6-32.9 | 32.8 | 32.7 | 3451 7552 0655 1740 |
| N 4 | 0-15 | 9 2 | 0351 | NIGHT | 44 | 20.3-20.4 | 20.4 | 20.3 | 16.5 | GRADUAL | - | 35.4-35.6 | 35.5 | 35.4 | 3442 7548 0655 1740 |
| N 4 | 18-33 | 9 2 | 0351 | NIGHT | 44 | 17.0-20.3 | 19.0 | 20.3 | 16.5 | GRADUAL | - | 35.6-35.7 | 35.6 | 35.4 | 3442 7548 0655 1740 |
| N 5 | 0-15 | 9 2 | 0509 | NIGHT | 82 | 19.2-19.4 | 19.3 | 19.4 | 16.6 | GRADUAL | - | 35.3-35.5 | 35.5 | 35.3 | 3433 7544 0655 1740 |
| N 5 | 18-33 | 9 2 | 0509 | NIGHT | 82 | 18.5-18.8 | 18.6 | 19.4 | 16.6 | GRADUAL | - | 35.3-35.4 | 35.4 | 35.3 | 3433 7544 0655 1740 |
| P 1 | 0-6 | 9 2 | 1337 | DAY | 16 | 6.5-6.5 | 6.5 | 6.5 | 7.1 | NONE | - | 33.5-33.5 | 33.5 | 33.5 | 3438 7540 0659 1744 |
| P 2 | 0-6 | 9 2 | 1244 | DAY | 17 | 7.2-7.6 | 7.4 | 7.6 | 6.5 | NONE | - | 33.2-33.3 | 33.3 | 33.2 | 3434 7637 0658 1743 |
| P 3 | 0-6 | 9 2 | 1154 | DAY | 17 | 9.1-9.6 | 9.3 | 9.6 | 9.1 | NONE | - | 33.8-33.9 | 33.8 | 33.9 | 3429 7633 0658 1743 |
| P 4 | 0-15 | 9 2 | 1033 | DAY | 31 | 14.1-17.0 | 15.8 | 17.0 | 13.1 | WEAK | 7-10 | 34.5-35.4 | 35.2 | 35.4 | 3417 7623 0657 1744 |
| P 5 | 0-15 | 9 2 | 0848 | DAY | 60 | 20.0-20.0 | 20.0 | 20.0 | 17.8 | GRADUAL | - | 35.5-35.6 | 35.5 | 35.4 | 3404 7613 0656 1743 |
| P 5 | 18-33 | 9 2 | 0848 | DAY | 60 | 19.6-19.9 | 19.8 | 20.0 | 17.8 | GRADUAL | - | 35.4-35.5 | 35.5 | 35.4 | 3404 7613 0656 1743 |

TABLE 2. (continued)

26

| CRUISE NO. | TOW DEPTH (M) | DATE D M | TOW START HST | LIGHT COND. | WATER DEPTH (M) | ***** RANGE | TEMPERATURE (C) MEAN SURF. | ***** BOT. | THERMOCLINE DEGREE DEPTH (M) | **** SALINITY (0/00) FANGE | **** SALINITY (0/00) MEAN | ***** SURF. | POSITION LAT. LONG. | ** SUN ** RISE SET | |
|---------------|---------------------|-------------|---------------------|----------------|-----------------------|----------------|----------------------------------|---------------|---------------------------------------|-------------------------------------|------------------------------------|----------------|------------------------|-----------------------|-----------|
| H 1 | 0-6 | 15 4 | 1406 | DAY | 15 | 8.3-9.2 | 8.7 | 9.2 | 8.4 | NONE | - | 31.0-31.0 | 31.0 | 30.9 3734 7533 | 0528 1837 |
| H 2 | 0-15 | 15 4 | 1452 | DAY | 21 | 8.5-8.6 | 8.5 | 8.6 | 8.5 | NONE | - | 31.4-31.9 | 31.7 | 31.4 3732 7528 | 0528 1837 |
| H 3 | 0-15 | 15 4 | 1548 | DAY | 25 | 7.8-8.2 | 7.9 | 8.2 | 7.0 | NONE | - | 32.3-32.8 | 32.6 | 32.3 3730 7522 | 0527 1836 |
| H 4 | 0-15 | 15 4 | 1712 | DAY | 31 | 7.2-7.4 | 7.2 | 7.4 | 7.2 | NONE | - | 31.6-32.0 | 31.9 | 31.6 3727 7510 | 0527 1836 |
| H 5 | 0-15 | 15 4 | 1911 | NIGHT | 37 | 6.6-6.9 | 6.7 | 6.9 | 6.6 | NONE | - | 32.2-32.4 | 32.4 | 32.3 3723 7458 | 0526 1835 |
| H 5 | 18-24 | 15 4 | 1911 | NIGHT | 37 | 6.6-6.6 | 6.6 | 6.9 | 6.6 | NONE | - | 32.4-32.5 | 32.5 | 32.3 3723 7458 | 0526 1835 |
| H 6 | 0-15 | 15 4 | 2210 | NIGHT | 80 | 6.2-6.8 | 6.5 | 6.8 | 6.2 | NONE | - | 32.4-32.7 | 32.5 | 32.6 3718 7440 | 0525 1834 |
| H 6 | 18-33 | 15 4 | 2210 | NIGHT | 80 | 6.2-6.2 | 6.2 | 6.8 | 6.2 | NONE | - | 32.4-32.5 | 32.5 | 32.6 3718 7440 | 0525 1834 |
| H 7 | 0-15 | 15 4 | 2320 | NIGHT | 129 | 5.0-5.6 | 5.4 | 5.6 | 5.2 | NONE | - | 32.1-32.4 | 32.2 | 32.3 3716 7434 | 0524 1833 |
| H 7 | 18-33 | 15 4 | 2320 | NIGHT | 129 | 5.0-5.4 | 5.3 | 5.6 | 5.2 | NONE | - | 32.4-32.6 | 32.5 | 32.3 3716 7434 | 0524 1833 |
| J 1 | 0-6 | 19 4 | 1132 | DAY | 16 | 10.5-11.5 | 11.2 | 11.5 | 9.9 | GRADUAL | - | 23.4-27.5 | 25.8 | 23.5 3655 7558 | 0521 1838 |
| J 2 | 0-6 | 19 4 | 1216 | DAY | 13 | 9.4-10.8 | 10.0 | 10.8 | 9.4 | GRADUAL | - | 24.4-30.5 | 25.0 | 26.4 3655 7552 | 0524 1841 |
| J 3 | 0-6 | 16 4 | 0925 | DAY | 19 | 8.5-8.9 | 8.9 | 8.9 | 8.5 | GRADUAL | - | 31.6-31.8 | 31.8 | 31.8 3654 7545 | 0528 1838 |
| J 4 | 0-6 | 16 4 | 0717 | DAY | 27 | 8.0-8.0 | 8.0 | 8.0 | 7.8 | NONE | - | 31.7-31.8 | 31.7 | 31.7 3653 7533 | 0527 1837 |
| J 5 | 0-15 | 16 4 | 0545 | DAY | 30 | 7.7-7.9 | 7.8 | 7.9 | 7.7 | NONE | - | 31.8-32.1 | 32.0 | 31.8 3652 7521 | 0526 1836 |
| J 6 | 0-15 | 16 4 | 0406 | NIGHT | 58 | 7.0-7.4 | 7.3 | 7.4 | 6.9 | NONE | - | 32.0-32.6 | 32.3 | 32.0 3650 7502 | 0525 1835 |
| J 6 | 18-24 | 16 4 | 0406 | NIGHT | 58 | 6.9-6.9 | 6.9 | 7.4 | 6.9 | NONE | - | 32.4-32.5 | 32.5 | 32.0 3650 7502 | 0525 1835 |
| J 7 | 0-15 | 16 4 | 0212 | NIGHT | 92 | 6.7-6.8 | 6.7 | 6.8 | 6.4 | NONE | - | 32.3-32.5 | 32.4 | 32.4 3648 7444 | 0524 1834 |
| J 7 | 18-33 | 16 4 | 0212 | NIGHT | 92 | 6.4-6.6 | 6.5 | 6.8 | 6.4 | NONE | - | 32.5-32.7 | 32.6 | 32.4 3648 7444 | 0524 1834 |
| K 1 | 0-6 | 19 4 | 1528 | DAY | 17 | 10.3-10.4 | 10.4 | 10.3 | 10.4 | NONE | - | 31.0-31.4 | 31.2 | 31.0 3623 7548 | 0525 1840 |
| K 2 | 0-15 | 19 4 | 1617 | DAY | 24 | 8.5-10.4 | 9.7 | 10.4 | 8.9 | GRADUAL | - | 30.2-31.4 | 30.7 | 30.3 3623 7542 | 0525 1840 |
| K 3 | 0-15 | 19 4 | 1715 | DAY | 26 | 8.8-11.2 | 9.6 | 11.2 | 8.1 | GRADUAL | - | 30.2-31.6 | 31.1 | 30.2 3622 7536 | 0524 1839 |
| K 4 | 0-15 | 19 4 | 1823 | DUSK | 32 | 7.6-8.9 | 8.2 | 8.9 | 7.5 | GRADUAL | - | 31.6-32.3 | 32.2 | 31.5 3622 7523 | 0524 1839 |
| K 5 | 0-15 | 19 4 | 1953 | NIGHT | 37 | 8.1-8.8 | 8.5 | 8.8 | 7.7 | GRADUAL | - | 32.5-32.7 | 32.6 | 32.5 3622 7511 | 0522 1838 |
| K 5 | 18-24 | 19 4 | 1953 | NIGHT | 37 | 7.7-7.9 | 7.8 | 8.8 | 7.7 | GRADUAL | - | 32.1-32.8 | 32.8 | 32.5 3622 7511 | 0523 1838 |
| K 6 | 0-15 | 19 4 | 2115 | NIGHT | 43 | 7.4-8.3 | 7.9 | 8.3 | 7.3 | NONE | - | 32.6-32.8 | 32.7 | 32.6 3621 7451 | 0522 1837 |
| K 6 | 18-33 | 19 4 | 2115 | NIGHT | 43 | 7.3-7.3 | 7.3 | 8.3 | 7.3 | NONE | - | 32.8-33.0 | 32.9 | 32.6 3621 7458 | 0522 1837 |
| K 7 | 0-15 | 19 4 | 2243 | NIGHT | 681 | 6.3-7.3 | 7.0 | 7.3 | 6.2 | NONE | - | 32.5-32.8 | 32.7 | 32.5 3621 7446 | 0521 1836 |
| K 7 | 18-33 | 19 4 | 2243 | NIGHT | 681 | 5.5-6.2 | 6.1 | 7.3 | 6.2 | NONE | - | 32.8-32.9 | 32.9 | 32.5 3621 7446 | 0521 1836 |
| L 1 | 0-6 | 20 4 | 0625 | DAY | 17 | 9.6-10.7 | 10.1 | 10.7 | 9.2 | NONE | - | 30.3-30.7 | 30.4 | 30.2 3546 7530 | 0522 1840 |
| L 2 | 0-6 | 20 4 | 0541 | DAY | 26 | 9.4-10.5 | 9.9 | 10.5 | 8.6 | GRADUAL | - | 30.2-31.0 | 30.5 | 30.2 3546 7524 | 0522 1840 |
| L 3 | 0-15 | 20 4 | 0448 | NIGHT | 32 | 8.3-10.8 | 9.0 | 10.8 | 8.2 | GRADUAL | - | 30.4-32.2 | 31.8 | 30.5 3546 7517 | 0522 1839 |
| L 3 | 18-24 | 20 4 | 0448 | NIGHT | 32 | 8.2-8.2 | 8.2 | 10.8 | 8.2 | GRADUAL | - | 32.0-32.2 | 32.1 | 30.5 3546 7517 | 0522 1839 |
| L 4 | 0-15 | 20 4 | 0331 | NIGHT | 42 | 8.6-9.6 | 9.2 | 9.6 | 8.2 | GRADUAL | - | 32.3-32.4 | 32.3 | 32.2 3545 7505 | 0521 1838 |
| L 4 | 18-33 | 20 4 | 0331 | NIGHT | 42 | 8.3-8.5 | 8.3 | 9.6 | 8.2 | GRADUAL | - | 32.3-32.3 | 32.3 | 32.2 3545 7505 | 0521 1838 |
| L 5 | 0-15 | 20 4 | 0209 | NIGHT | 192 | 8.4-9.2 | 8.7 | 9.2 | 6.6 | NONE | - | 32.1-32.4 | 32.2 | 32.3 3545 7452 | 0520 1837 |
| L 5 | 18-33 | 20 4 | 0209 | NIGHT | 192 | 8.3-8.4 | 8.4 | 9.2 | 6.6 | NONE | - | 32.1-32.2 | 32.2 | 32.3 3545 7452 | 0520 1837 |
| M 1 | 0-6 | 20 4 | 1001 | DAY | 16 | 11.2-11.6 | 11.5 | 11.6 | 11.0 | NONE | - | 30.1-30.6 | 30.3 | 30.0 3518 7529 | 0524 1839 |
| M 2 | 0-6 | 20 4 | 1053 | DAY | 20 | 11.1-12.3 | 11.7 | 12.3 | 9.8 | GRADUAL | - | 29.9-30.3 | 30.1 | 29.9 3516 7522 | 0524 1839 |
| M 3 | 0-6 | 20 4 | 1148 | DAY | 25 | 10.6-11.5 | 11.1 | 11.9 | 18.4 | STRONG | 8-18 | 30.3-30.5 | 30.3 | 30.2 3514 7518 | 0523 1838 |
| M 4 | 0-15 | 20 4 | 1245 | DAY | 62 | 12.4-15.2 | 13.7 | 12.4 | 18.6 | STRONG | 13-20 | 30.7-32.2 | 31.6 | 30.6 3512 7512 | 0523 1838 |
| M 4 | 18-33 | 20 4 | 1245 | DAY | 62 | 17.1-18.6 | 18.4 | 12.4 | 18.6 | STRONG | 13-20 | 33.1-34.5 | 34.4 | 30.6 3512 7512 | 0522 1838 |
| M 5 | 0-15 | 20 4 | 1346 | DAY | 215 | 13.3-15.2 | 15.8 | 13.3 | 18.0 | STRONG | 0-15 | 31.5-35.4 | 33.6 | 31.5 3510 7507 | 0522 1837 |
| M 5 | 18-33 | 20 4 | 1346 | DAY | 215 | 18.5-19.5 | 19.3 | 13.3 | 18.0 | STRONG | 0-15 | 35.4-35.6 | 35.5 | 31.5 3510 7507 | 0522 1837 |
| N 1 | 0-15 | 20 4 | 1753 | DAY | 21 | 10.7-12.2 | 10.9 | 12.2 | 10.7 | WEAK | 0-4 | 32.2-32.6 | 32.4 | 32.5 3501 7557 | 0522 1837 |
| N 2 | 0-6 | 20 4 | 1851 | NIGHT | 22 | 11.7-11.8 | 11.8 | 11.8 | 11.9 | - | - | 32.1-32.1 | 32.1 | 32.0 3456 7555 | 0522 1837 |
| N 3 | 0-15 | 20 4 | 1949 | NIGHT | 29 | 9.5-12.5 | 11.3 | 12.2 | 9.9 | STRONG | 6-10 | 31.7-32.2 | 32.0 | 31.7 3451 7552 | 0525 1839 |
| N 3 | 18-24 | 20 4 | 1948 | NIGHT | 25 | 9.5-10.0 | 10.0 | 12.2 | 9.9 | STRONG | 6-10 | 32.1-33.9 | 32.7 | 31.7 3451 7552 | 0525 1839 |
| N 4 | 0-15 | 20 4 | 2125 | NIGHT | 49 | 20.5-21.0 | 21.0 | 21.0 | 18.5 | GRADUAL | - | 35.5-35.6 | 35.6 | 35.6 3442 7548 | 0525 1839 |
| N 4 | 13-33 | 20 4 | 2125 | NIGHT | 45 | 18.5-20.8 | 19.9 | 21.0 | 18.5 | GRADUAL | - | 35.6-35.8 | 35.7 | 35.6 3442 7548 | 0525 1839 |
| N 5 | 0-15 | 20 4 | 2316 | NIGHT | 235 | 23.5-23.5 | 23.5 | 23.5 | 19.5 | GRADUAL | - | 35.5-35.5 | 35.5 | 35.4 3433 7544 | 0526 1839 |
| N 5 | 18-33 | 20 4 | 2316 | NIGHT | 235 | 23.1-23.5 | 23.4 | 23.5 | 19.5 | GRADUAL | - | 35.5-35.6 | 35.6 | 35.4 3433 7544 | 0526 1839 |
| P 1 | 0-6 | 21 4 | 0956 | DAY | 18 | 15.5-17.4 | 16.6 | 17.4 | 15.3 | GRADUAL | - | 32.1-32.8 | 32.4 | 32.7 3438 7540 | 0528 1844 |
| P 2 | 0-6 | 21 4 | 0906 | DAY | 18 | 15.5-16.4 | 16.0 | 16.4 | 14.6 | GRADUAL | - | 32.1-33.3 | 33.2 | 33.0 3434 7637 | 0527 1843 |
| P 3 | 0-6 | 21 4 | 0815 | DAY | 18 | 15.5-16.2 | 15.9 | 16.2 | 14.6 | WEAK | 3-10 | 32.8-33.8 | 33.4 | 32.8 3429 7533 | 0528 1843 |
| P 4 | 0-15 | 21 4 | 0625 | DAY | 34 | 15.3-15.9 | 15.7 | 15.9 | 17.0 | - | - | 33.3-34.5 | 33.7 | 33.3 3417 7623 | 0528 1842 |
| P 4 | 18-24 | 21 4 | 0625 | DAY | 34 | 16.3-16.5 | 16.7 | 15.9 | 17.0 | - | - | 34.8-35.0 | 34.9 | 33.3 3417 7623 | 0528 1842 |
| P 5 | 0-15 | 21 4 | 0427 | NIGHT | 74 | 24.9-25.0 | 25.0 | 24.9 | 21.1 | GRADUAL | - | 35.4-35.5 | 35.5 | 35.4 3404 7513 | 0527 1841 |
| P 5 | 18-33 | 21 4 | 0427 | NIGHT | 74 | 25.0-25.1 | 25.1 | 24.9 | 21.1 | GRADUAL | - | 35.4-35.6 | 35.5 | 35.4 3404 7612 | 0527 1841 |

TABLE 2. (continued)

| CPLT ST D6605 STA. | TOW DEPTH (M) | DATE 1966 O P | TOW START HST | LIGHT COND. | WATER DEPTH (M) | ***** RANGE | TEMPERATURE MEAN SURF. | (C) BOT. | ***** DEGREE | THERMOCLINE DEPTH (M) | **** RANGE | SALINITY (0/00) PEAK | **** SURF. | ***** LAT. LONG. | ** SUN ** RISE SET |
|--------------------------|---------------------|---------------------|---------------------|----------------|-----------------------|----------------|---------------------------|-------------|-----------------|-----------------------------|---------------|----------------------------|---------------|---------------------|-----------------------|
| G 5 | 18-33 | 19 5 | 0945 | DAY | 52 | 7.1- 8.5 | 7.5 | 9.7 | 7.1 | GRADUAL | - | 29.7-30.2 | 30.0 | 32.5 | 3750 7438 0446 1905 |
| G 6 | 0-15 | 19 5 | 1502 | DAY | 90 | 7.3- 8.4 | 8.0 | 8.4 | 5.2 | GRADUAL | - | 32.3-32.6 | 32.4 | 32.4 | 3742 7422 0445 1904 |
| C 6 | 18-33 | 19 5 | 0502 | DAY | 90 | 5.3- 6.8 | 5.8 | 8.4 | 5.2 | GRADUAL | - | 30.4-31.6 | 30.9 | 32.4 | 3742 7422 0445 1904 |
| H 1 | 0- 3 | 19 5 | 2036 | NIGHT | 13 | 14.6-15.0 | 14.8 | 15.0 | 12.7 | STRONG | 4- 6 | 31.3-31.4 | 31.4 | 31.4 | 3734 7533 0450 1907 |
| H 2 | 0-15 | 19 5 | 1945 | NIGHT | 25 | 11.4-12.4 | 12.8 | 13.4 | 11.4 | WEAK | 6-14 | 31.4-31.8 | 31.6 | 31.4 | 3732 7528 0450 1907 |
| H 3 | 0-15 | 19 5 | 1853 | DUSK | 25 | 10.2-11.9 | 11.1 | 11.9 | 10.2 | GRADUAL | - | 31.5-31.9 | 31.8 | 31.5 | 3730 7522 0449 1906 |
| H 4 | 0-15 | 20 5 | 0307 | NIGHT | 26 | 10.0-10.9 | 10.6 | 10.9 | 9.8 | GRADUAL | - | 31.3-31.6 | 31.4 | 31.3 | 3727 7510 0446 1907 |
| H 5 | 0-15 | 20 5 | 0427 | DAWN | 32 | 8.7-10.8 | 10.1 | 10.8 | 8.4 | WEAK | 6- 9 | 32.2-32.5 | 32.4 | 32.1 | 3723 7458 0447 1906 |
| H 5 | 18-24 | 20 5 | 0427 | DAWN | 32 | 8.7- 8.7 | 8.7 | 10.8 | 8.4 | WEAK | 6- 9 | 32.5-32.6 | 32.6 | 32.1 | 3723 7458 0447 1906 |
| H 6 | 0-15 | 20 5 | 0856 | DAY | 77 | 7.7- 9.7 | 8.6 | 9.7 | 5.6 | GRADUAL | - | 32.6-32.8 | 32.7 | 32.7 | 3718 7440 0447 1904 |
| H 6 | 18-33 | 20 5 | 0856 | DAY | 77 | 5.9- 7.5 | 6.5 | 9.7 | 5.6 | GRADUAL | - | 32.4-32.8 | 32.6 | 32.7 | 3718 7440 0447 1904 |
| H 7 | 0-15 | 20 5 | 0947 | DAY | 95 | 8.5- 9.4 | 9.3 | 9.4 | 6.1 | GRADUAL | - | 32.7-32.9 | 32.8 | 32.9 | 3716 7434 0446 1903 |
| H 7 | 18-33 | 20 5 | 0947 | DAY | 95 | 7.0- 8.4 | 7.5 | 9.4 | 6.1 | GRADUAL | - | 32.5-32.8 | 32.6 | 32.9 | 3716 7434 0446 1903 |
| J 1 | 0- 6 | 21 5 | 0415 | NIGHT | 14 | 13.0-14.7 | 13.7 | 14.7 | 13.0 | STRONG | 3- 4 | 28.4-28.7 | 28.6 | 28.3 | 3655 7558 0448 1905 |
| J 2 | 0- 6 | 21 5 | 0505 | DAY | 14 | 13.7-15.2 | 14.3 | 15.2 | 13.5 | WEAK | 3- 4 | 28.4-31.2 | 30.0 | 28.4 | 3655 7552 0451 1908 |
| J 3 | 0- 6 | 21 5 | 0547 | DAY | 15 | 13.5-16.9 | 15.3 | 16.9 | 13.0 | STRONG | 1- 5 | 25.9-30.7 | 28.6 | 25.9 | 3654 7545 0451 1908 |
| J 4 | 0-15 | 20 5 | 1117 | NIGHT | 23 | 10.1-16.7 | 13.3 | 16.7 | 10.1 | WEAK | 2-11 | 25.8-32.2 | 31.5 | 29.8 | 3653 7533 0451 1906 |
| J 5 | 0-15 | 20 5 | 1020 | NIGHT | 21 | 9.8-13.1 | 11.3 | 13.1 | 8.6 | GRADUAL | - | 31.9-32.4 | 32.1 | 31.9 | 3652 7521 0450 1905 |
| J 6 | 0-15 | 20 5 | 1646 | DAY | 36 | 8.7-10.7 | 9.8 | 10.7 | 8.3 | GRADUAL | - | 32.4-32.6 | 32.5 | 32.4 | 3650 7502 0449 1904 |
| J 6 | 18-33 | 20 5 | 1646 | DAY | 36 | 8.3- 8.6 | 8.4 | 10.7 | 8.3 | GRADUAL | - | 32.4-32.7 | 32.6 | 32.4 | 3650 7502 0449 1904 |
| J 7 | 0-15 | 20 5 | 1512 | DAY | 79 | 9.2-10.4 | 9.7 | 10.4 | 6.4 | GRADUAL | - | 32.3-32.6 | 32.5 | 32.4 | 3648 7444 0448 1903 |
| J 7 | 18-33 | 20 5 | 1513 | DAY | 79 | 7.1- 9.1 | 8.1 | 10.4 | 6.4 | GRADUAL | - | 32.2-32.3 | 32.2 | 32.4 | 3648 7444 0448 1903 |
| K 1 | 0- 6 | 21 5 | 1115 | NIGHT | 18 | 12.8-16.3 | 14.4 | 16.3 | 11.8 | STRONG | 1- 6 | 29.7-30.4 | 30.1 | 29.7 | 3623 7548 0452 1907 |
| K 2 | 0- 6 | 21 5 | 1032 | NIGHT | 15 | 14.7-15.6 | 15.3 | 15.6 | 11.7 | WEAK | 5-12 | 28.8-30.0 | 29.5 | 28.8 | 3623 7542 0452 1907 |
| K 3 | 0-15 | 21 5 | 1940 | NIGHT | 20 | 10.4-14.9 | 13.3 | 14.9 | 10.2 | STRONG | 6-13 | 29.9-31.4 | 30.6 | 29.8 | 3622 7538 0451 1906 |
| K 4 | 0-15 | 22 5 | 0323 | NIGHT | 33 | 9.3-14.9 | 12.2 | 14.9 | 9.0 | STRONG | 3- 6 | 30.2-31.7 | 31.1 | 30.2 | 3622 7523 0450 1907 |
| K 4 | 18-24 | 22 5 | 0323 | NIGHT | 33 | 9.0- 9.1 | 9.0 | 14.9 | 9.0 | STRONG | 3- 6 | 31.7-31.8 | 31.7 | 30.2 | 3622 7523 0450 1907 |
| K 5 | 0-15 | 22 5 | 0433 | DAWN | 34 | 9.4-14.4 | 11.8 | 14.4 | 8.4 | STRONG | 5-10 | 30.6-31.7 | 31.3 | 30.6 | 3622 7511 0449 1906 |
| K 5 | 18-24 | 22 5 | 0433 | DAWN | 34 | 8.5- 9.1 | 8.8 | 14.4 | 8.4 | STRONG | 5-10 | 31.7-31.7 | 31.7 | 30.6 | 3622 7511 0449 1906 |
| K 6 | 0-15 | 22 5 | 0821 | DAY | 47 | 8.2-12.3 | 11.4 | 12.3 | 7.5 | WEAK | 5-11 | 31.2-31.8 | 31.5 | 31.2 | 3621 7458 0449 1905 |
| K 6 | 18-33 | 22 5 | 0821 | DAY | 47 | 7.6- 8.1 | 7.8 | 12.3 | 7.5 | WEAK | 5-11 | 31.5-31.7 | 31.6 | 31.2 | 3621 7458 0449 1905 |
| K 7 | 0-15 | 22 5 | 1027 | DAY | 594 | 9.2-10.7 | 10.2 | 10.7 | 6.5 | GRADUAL | - | 31.2-31.7 | 31.4 | 31.3 | 3621 7448 0448 1904 |
| K 7 | 18-33 | 22 5 | 1027 | DAY | 594 | 7.2- 8.9 | 8.1 | 10.7 | 6.5 | GRADUAL | - | 31.4-31.7 | 31.6 | 31.3 | 3621 7448 0448 1904 |
| L 1 | 0- 6 | 22 5 | 1343 | NIGHT | 13 | 12.7-14.7 | 13.7 | 14.7 | 11.0 | WEAK | 1- 7 | 28.9-30.2 | 29.6 | 28.9 | 3546 7530 0452 1905 |
| L 2 | 0- 6 | 23 5 | 0041 | NIGHT | 23 | 14.2-14.6 | 14.6 | 14.6 | 10.8 | WEAK | 5-10 | 29.6-29.8 | 29.7 | 29.8 | 3546 7524 0451 1906 |
| L 3 | 0-15 | 23 5 | 0139 | NIGHT | 37 | 12.3-14.6 | 14.0 | 14.6 | 10.3 | WEAK | 7-10 | 29.7-30.4 | 30.0 | 29.7 | 3546 7517 0450 1905 |
| L 3 | 18-33 | 23 5 | 0139 | NIGHT | 37 | 10.2-11.6 | 10.7 | 14.6 | 10.3 | WEAK | 7-10 | 30.7-31.2 | 31.0 | 29.7 | 3546 7517 0450 1905 |
| L 4 | 0-15 | 22 5 | 1648 | DAY | 43 | 11.1-14.3 | 12.8 | 14.3 | 8.9 | STRONG | 5- 7 | 30.4-30.8 | 30.6 | 30.5 | 3545 7505 0450 1903 |
| L 4 | 18-33 | 22 5 | 1648 | DAY | 43 | 9.0-10.8 | 9.8 | 14.3 | 8.9 | STRONG | 5- 7 | 31.0-31.4 | 31.3 | 30.5 | 3545 7505 0450 1903 |
| L 5 | 0-15 | 22 5 | 1541 | DAY | 70 | 10.7-14.7 | 12.0 | 14.7 | 10.2 | - | - | 30.2-31.5 | 30.9 | 30.1 | 3545 7452 0449 1902 |
| L 5 | 18-33 | 22 5 | 1541 | DAY | 70 | 10.2-10.6 | 10.5 | 14.7 | 10.2 | - | - | 31.5-31.6 | 31.5 | 30.1 | 3545 7452 0449 1902 |
| M 1 | 0- 6 | 23 5 | 1038 | DAY | 14 | 15.0-15.0 | 15.0 | 15.0 | 14.8 | NONE | - | 30.0-30.3 | 30.2 | 30.0 | 3518 7529 0452 1905 |
| M 2 | 0- 6 | 23 5 | 0929 | DAY | 25 | 17.6-17.7 | 17.7 | 17.7 | 16.9 | NONE | - | 32.6-32.7 | 32.7 | 32.7 | 3516 7523 0452 1905 |
| M 3 | 0- 6 | 23 5 | 0829 | DAY | 21 | 19.7-19.7 | 19.7 | 19.7 | 21.3 | NONE | - | 33.8-33.9 | 33.8 | 33.8 | 3514 7518 0452 1904 |
| M 4 | 0-15 | 23 5 | 16 4 | DAY | 38 | 21.6-22.4 | 22.1 | 22.4 | 21.5 | NONE | - | 34.8-35.4 | 35.0 | 35.2 | 3512 7512 0452 1904 |
| M 4 | 18-24 | 23 5 | 1604 | DAY | 38 | 21.5-21.5 | 21.5 | 22.4 | 21.5 | NONE | - | 35.2-35.4 | 35.3 | 35.2 | 3512 7512 0452 1904 |
| M 5 | 0-15 | 23 5 | 1719 | DAY | 160 | 22.9-22.9 | 22.9 | 22.9 | 17.1 | GRADUAL | - | 35.3-35.5 | 35.4 | 35.4 | 3510 7507 0451 1903 |
| M 5 | 18-33 | 23 5 | 1719 | DAY | 160 | 22.5-22.9 | 22.7 | 22.9 | 17.1 | GRADUAL | - | 35.4-35.5 | 35.5 | 35.4 | 3510 7507 0451 1903 |
| N 1 | 0-15 | 24 5 | 0059 | NIGHT | 26 | 19.1-19.1 | 19.1 | 19.1 | 19.1 | NONE | - | 33.0-33.6 | 33.2 | 33.3 | 3501 7557 0451 1903 |
| N 2 | 0-15 | 24 5 | 0154 | NIGHT | 25 | 19.5-20.0 | 19.6 | 19.5 | 20.0 | NONE | - | 33.1-34.7 | 33.4 | 33.1 | 3456 7555 0451 1903 |
| N 3 | 0-15 | 24 5 | 0255 | NIGHT | 31 | 20.4-20.6 | 20.5 | 20.4 | 20.7 | NONE | - | 33.1-35.1 | 34.0 | 33.9 | 3451 7552 0454 1906 |
| N 3 | 18-24 | 24 5 | 0255 | NIGHT | 31 | 20.7-20.7 | 20.7 | 20.4 | 20.7 | NONE | - | 34.5-35.1 | 35.0 | 33.9 | 3451 7552 0454 1906 |
| N 4 | 0-15 | 24 5 | 0430 | DAWN | 46 | 23.4-23.4 | 23.4 | 23.4 | 20.9 | WEAK | 26-32 | 35.2-35.3 | 35.3 | 35.1 | 3442 7548 0454 1905 |
| N 4 | 18-33 | 24 5 | 0430 | DAWN | 46 | 21.3-23.4 | 22.8 | 23.4 | 20.9 | WEAK | 26-32 | 35.2-35.9 | 35.6 | 35.1 | 3442 7548 0454 1905 |
| N 5 | 0-15 | 25 5 | 0158 | NIGHT | 100 | 26.0-26.0 | 26.0 | 26.0 | 20.4 | GRADUAL | - | 35.3-35.7 | 35.5 | 35.7 | 3433 7544 0454 1906 |
| N 5 | 18-33 | 25 5 | 0158 | NIGHT | 100 | 24.4-25.9 | 25.1 | 26.0 | 20.4 | GRADUAL | - | 35.4-35.6 | 35.6 | 35.7 | 3433 7544 0454 1906 |
| P 1 | 0- 6 | 24 5 | 1524 | DAY | 17 | 20.2-20.5 | 20.4 | 20.5 | 18.9 | NONE | - | 33.4-33.5 | 33.4 | 33.4 | 3438 7540 0459 1909 |
| P 2 | 0- 6 | 24 5 | 1615 | DAY | 18 | 19.1-19.9 | 19.5 | 19.9 | 18.6 | NONE | - | 33.2-33.8 | 33.6 | 33.2 | 3434 7537 0458 1908 |
| P 3 | 0- 6 | 24 5 | 1726 | DAY | 16 | 19.8-19.8 | 19.8 | 19.8 | 19.8 | NONE | - | 33.5-33.8 | 33.7 | 33.5 | 3425 7636 0458 1908 |
| P 4 | 0-15 | 24 5 | 1904 | DUSK | 27 | 20.7-20.8 | 20.8 | 20.8 | 21.1 | NONE | - | 34.1-35.0 | 34.9 | 34.6 | 3417 7623 0458 1907 |
| P 4 | 18-24 | 24 5 | 1904 | DUSK | 27 | 20.7-20.8 | 20.7 | 20.8 | 21.1 | NONE | - | 35.2-35.4 | 35.3 | 34.6 | 3417 7623 0458 1907 |
| P 5 | 0-15 | 24 5 | 2303 | NIGHT | 161 | 26.4-26.5 | 26.4 | 26.4 | 22.1 | GRADUAL | - | 35.5-35.7 | 35.6 | 35.6 | 3404 7613 0458 1906 |
| P 5 | 18-33 | 24 5 | 2303 | NIGHT | 161 | 26.5-26.5 | 26.5 | 26.4 | 22.1 | GRADUAL | - | 35.5-35.7 | 35.6 | 35.6 | 3404 7613 0458 1906 |

TABLE 2. (continued)

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| CRUISE NO. | TOW DEPTH (M) | DATE D M | TOW START HST | LIGHT COND. | WATER DEPTH (M) | ***** RANGE | TEMPERATURE (C) MEAN SURF. | ***** BOT. | THERMOCLINE DEGREE | ***** DEPTH (M) | **** SALINITY (C/G) MEAN | **** SURF. | ***** SURF. | POSITION LAT. LONG. | ** SUN ** RISE SET |
|---------------|---------------------|-------------|---------------------|----------------|-----------------------|----------------|----------------------------------|---------------|-----------------------|-----------------------|-----------------------------------|---------------|----------------|------------------------|-----------------------|
| G 6 | 0-15 | 27 6 | 2153 | NIGHT | 88 | 14.7-18.4 | 17.0 18.4 | 6.2 | WEAK | 7-30 | 32.5-33.5 | 32.1 | 32.4 | 3742 7422 | C43E 1924 |
| G 6 | 19-33 | 27 6 | 2153 | NIGHT | 88 | 5.3-12.5 | 8.1 18.4 | 6.2 | WEAK | 7-30 | 32.5-33.5 | 33.1 | 32.4 | 3742 7422 | C43F 1924 |
| H 1 | 0-3 | 27 6 | 1613 | DAY | 17 | 19.6-21.7 | 20.8 21.7 | 17.1 | WEAK | 2-7 | 31.6-31.6 | 31.6 | 31.6 | 3734 7533 | C44E 1927 |
| H 2 | 0-6 | 27 6 | 1521 | DAY | 22 | 18.1-21.2 | 19.6 21.2 | 15.5 | WEAK | 2-11 | 30.3-31.0 | 30.7 | 30.3 | 3732 7528 | C44F 1927 |
| H 3 | 0-6 | 27 6 | 1434 | DAY | 24 | 18.8-21.5 | 20.3 21.5 | 15.3 | WEAK | 0-11 | 31.0-31.4 | 31.2 | 30.9 | 3730 7522 | C44G 1926 |
| H 4 | 0-15 | 27 6 | 1319 | DAY | 27 | 14.5-20.7 | 18.5 20.7 | 13.7 | WEAK | 5-15 | 31.1-31.4 | 31.3 | 31.3 | 3727 7510 | C44H 1926 |
| H 4 | 19-24 | 27 6 | 1319 | DAY | 27 | 13.7-14.0 | 13.9 20.7 | 13.7 | WEAK | 5-15 | 31.4-31.4 | 31.4 | 31.3 | 3727 7510 | C44I 1926 |
| H 5 | 0-15 | 27 6 | 1145 | DAY | 36 | 15.4-15.3 | 18.0 19.3 | 11.4 | GRADUAL | - | 31.6-31.7 | 31.7 | 31.7 | 3723 7458 | C44J 1925 |
| H 5 | 19-33 | 27 6 | 1145 | DAY | 36 | 11.5-14.6 | 12.8 19.3 | 11.4 | GRADUAL | - | 31.8-32.1 | 32.0 | 31.7 | 3723 7458 | C44K 1925 |
| H 6 | 0-15 | 27 6 | 0554 | DAY | 88 | 12.1-18.6 | 15.8 18.6 | 6.2 | WEAK | 0-30 | 32.1-32.0 | 32.3 | 32.1 | 3718 7440 | C44L 1924 |
| H 6 | 19-33 | 27 6 | 0805 | DAY | 88 | 6.1-10.3 | 7.8 18.6 | 6.2 | WEAK | 0-30 | 32.1-32.5 | 32.3 | 32.1 | 3718 7440 | C44O 1924 |
| H 7 | 0-15 | 27 6 | 0658 | DAY | 158 | 15.2-18.7 | 17.8 18.7 | 9.3 | WEAK | 11-31 | 32.6-32.8 | 32.7 | 32.6 | 3716 7434 | C439 1922 |
| H 7 | 19-33 | 27 6 | 0658 | DAY | 158 | 8.2-13.6 | 10.3 18.7 | 9.3 | WEAK | 11-31 | 32.7-33.3 | 33.0 | 32.6 | 3716 7434 | C43E 1922 |
| J 1 | 0-6 | 26 6 | 1411 | DAY | 11 | 20.9-22.1 | 21.8 22.1 | 17.5 | STRONG | 4-10 | 24.7-25.4 | 24.8 | 24.6 | 3655 7558 | C44E 1923 |
| J 2 | 0-6 | 26 6 | 1504 | DAY | 13 | 17.2-20.6 | 18.8 20.6 | 16.0 | WEAK | 0-7 | 27.0-30.2 | 28.8 | 27.0 | 3655 7552 | C44F 1926 |
| J 3 | 0-6 | 26 6 | 1602 | DAY | 17 | 18.0-20.0 | 19.0 20.0 | 16.3 | WEAK | 1-7 | 30.1-30.6 | 30.4 | 30.1 | 3654 7545 | C44G 1926 |
| J 4 | 0-6 | 26 6 | 1721 | DAY | 21 | 19.4-19.5 | 19.8 19.8 | 12.6 | GRADUAL | - | 31.0-31.1 | 31.1 | 31.0 | 3653 7533 | C44H 1925 |
| J 5 | 0-15 | 26 6 | 2029 | NIGHT | 29 | 13.2-20.1 | 17.4 20.1 | 12.9 | GRADUAL | - | 31.4-31.8 | 31.6 | 31.7 | 3652 7521 | C44I 1924 |
| J 6 | 0-15 | 27 6 | 2229 | NIGHT | 36 | 15.2-18.5 | 16.9 18.5 | 11.6 | GRADUAL | - | 31.9-32.0 | 31.9 | 31.9 | 3650 7502 | C44J 1923 |
| J 6 | 19-24 | 27 6 | 2229 | NIGHT | 36 | 12.3-14.3 | 13.3 18.5 | 11.6 | GRADUAL | - | 31.9-32.1 | 32.0 | 31.9 | 3650 7502 | C44K 1923 |
| J 7 | 0-15 | 27 6 | 0216 | NIGHT | 92 | 12.1-18.6 | 14.8 18.6 | 5.9 | GRADUAL | - | 31.8-31.9 | 31.9 | 31.8 | 3648 7444 | C44L 1922 |
| J 7 | 19-33 | 27 6 | 0216 | NIGHT | 92 | 8.2-11.4 | 10.0 18.6 | 5.9 | GRADUAL | - | 32.0-32.3 | 32.1 | 31.8 | 3648 7444 | C44I 1922 |
| K 1 | 0-6 | 26 6 | 0532 | DAY | 16 | 20.6-22.0 | 21.6 22.0 | 17.0 | STRONG | 6-11 | 27.5-28.6 | 27.9 | 27.5 | 3623 7548 | C44E 1925 |
| K 2 | 0-15 | 26 6 | 0437 | DAY | 23 | 13.5-21.4 | 17.4 21.4 | 13.9 | GRADUAL | - | 28.9-31.7 | 30.7 | 28.9 | 3623 7542 | C44F 1925 |
| K 3 | 0-15 | 26 6 | 0345 | NIGHT | 27 | 15.1-20.8 | 18.1 20.8 | 14.9 | WEAK | 4-14 | 30.8-31.6 | 31.1 | 30.7 | 3622 7536 | C44G 1924 |
| K 4 | 0-15 | 26 6 | 0218 | NIGHT | 30 | 16.3-19.5 | 17.7 19.5 | 13.8 | GRADUAL | - | 31.4-31.6 | 31.5 | 31.4 | 3622 7523 | C44H 1924 |
| K 4 | 19-24 | 26 6 | 0218 | NIGHT | 30 | 13.9-15.2 | 14.4 19.5 | 13.8 | GRADUAL | - | 31.8-31.9 | 31.9 | 31.4 | 3622 7523 | C44I 1924 |
| K 5 | 0-15 | 25 6 | 2238 | NIGHT | 33 | 14.3-19.5 | 17.5 19.5 | 14.1 | WEAK | 6-14 | 31.2-32.0 | 31.8 | 31.2 | 3622 7511 | C44J 1923 |
| K 5 | 19-24 | 25 6 | 2238 | NIGHT | 33 | 14.1-14.2 | 14.1 19.5 | 14.1 | WEAK | 6-14 | 32.1-32.2 | 32.1 | 31.2 | 3622 7511 | C44K 1923 |
| K 6 | 0-15 | 25 6 | 2105 | NIGHT | 46 | 14.8-19.4 | 17.6 19.4 | 10.1 | GRADUAL | - | 32.1-32.7 | 32.5 | 32.0 | 3621 7458 | C44L 1922 |
| K 6 | 19-33 | 25 6 | 2105 | NIGHT | 46 | 11.8-14.3 | 13.2 19.4 | 10.1 | GRADUAL | - | 32.1-32.8 | 32.4 | 32.0 | 3621 7458 | C44E 1922 |
| K 7 | 0-15 | 25 6 | 1741 | DAY | 526 | 16.1-15.2 | 18.0 15.2 | 11.1 | GRADUAL | - | 32.0-32.6 | 32.4 | 31.9 | 3621 7446 | C44F 1921 |
| K 7 | 19-33 | 25 6 | 1741 | DAY | 526 | 10.7-15.4 | 13.1 19.2 | 11.1 | GRADUAL | - | 32.3-32.8 | 32.6 | 31.9 | 3621 7446 | C44G 1921 |
| L 1 | 0-6 | 23 5 | 0102 | NIGHT | 16 | 18.5-19.4 | 19.2 19.4 | 18.3 | GRADUAL | - | 25.2-25.4 | 25.2 | 29.2 | 3546 7530 | C44E 1922 |
| L 2 | 0-6 | 22 6 | 2325 | NIGHT | 38 | 18.5-18.7 | 18.6 18.7 | 18.1 | NONE | - | 31.5-31.7 | 31.6 | 21.5 | 3546 7524 | C44F 1922 |
| L 3 | 0-15 | 22 6 | 2144 | NIGHT | 38 | 15.5-16.7 | 16.0 16.7 | 15.6 | NONE | - | 32.0-32.8 | 32.3 | 32.0 | 3546 7517 | C44G 1921 |
| L 3 | 19-24 | 22 6 | 2144 | NIGHT | 38 | 15.3-15.4 | 15.3 16.7 | 15.6 | NONE | - | 32.8-32.8 | 32.8 | 32.0 | 3546 7517 | C44H 1921 |
| L 4 | 0-15 | 22 6 | 2028 | NIGHT | 51 | 14.7-17.8 | 16.0 17.8 | 12.5 | GRADUAL | - | 32.3-32.9 | 32.6 | 32.3 | 3545 7505 | C44I 1920 |
| L 4 | 19-33 | 22 6 | 2028 | NIGHT | 51 | 11.7-13.9 | 12.5 17.8 | 12.5 | GRADUAL | - | 32.2-33.3 | 32.8 | 32.3 | 3545 7505 | C44J 1920 |
| L 5 | 0-15 | 22 6 | 1903 | DAWN | 151 | 16.4-15.0 | 17.9 18.9 | 7.2 | - | - | 31.8-34.0 | 32.8 | 31.8 | 3545 7452 | C44K 1919 |
| L 5 | 19-33 | 22 6 | 1903 | DAWN | 151 | 14.6-19.6 | 17.6 18.9 | 7.2 | - | - | 34.2-34.5 | 34.4 | 31.8 | 3545 7452 | C44L 1919 |
| M 1 | 0-6 | 23 6 | 1706 | DAY | 15 | 19.6-15.7 | 15.7 15.6 | 19.7 | NONE | - | 30.1-30.6 | 30.3 | 30.6 | 3518 7525 | C44E 1920 |
| M 2 | 0-15 | 23 6 | 1805 | DAY | 21 | 19.8-22.1 | 20.3 15.8 | 22.1 | GRADUAL | - | 31.5-34.4 | 32.1 | 31.5 | 3516 7523 | C44F 1920 |
| M 3 | 0-15 | 23 6 | 1853 | DAWN | 27 | 23.7-24.9 | 24.6 23.7 | 24.5 | NONE | - | 35.2-36.4 | 35.8 | 35.1 | 3514 7518 | C44G 1919 |
| M 4 | 0-15 | 23 6 | 2003 | NIGHT | 68 | 25.2-26.2 | 25.8 26.2 | 23.3 | GRADUAL | - | 36.6-36.8 | 36.7 | 36.6 | 3512 7512 | C44H 1919 |
| M 4 | 19-33 | 23 6 | 2003 | NIGHT | 68 | 23.9-25.1 | 24.8 26.2 | 23.3 | GRADUAL | - | 36.7-36.9 | 36.8 | 36.6 | 3512 7512 | C44I 1919 |
| M 5 | 0-15 | 23 6 | 2110 | NIGHT | 269 | 25.4-26.6 | 26.5 26.6 | 17.3 | WEAK | 14-20 | 36.6-36.8 | 36.7 | 36.5 | 3510 7507 | C44E 1918 |
| M 5 | 19-33 | 23 6 | 2110 | NIGHT | 269 | 25.0-25.4 | 25.1 26.6 | 17.3 | WEAK | 14-20 | 36.6-36.7 | 36.7 | 36.5 | 3510 7507 | C44F 1918 |
| N 1 | 0-15 | 24 6 | 0314 | NIGHT | 25 | 23.6-23.6 | 23.6 23.6 | 23.3 | NONE | - | 35.5-35.8 | 35.7 | 35.5 | 3501 7557 | C44G 1918 |
| N 2 | 0-15 | 24 6 | 0220 | NIGHT | 25 | 24.0-24.1 | 24.0 24.0 | 24.0 | NONE | - | 35.7-35.9 | 35.8 | 35.8 | 3456 7555 | C44H 1918 |
| N 3 | 0-15 | 24 6 | 0124 | NIGHT | 31 | 24.2-25.4 | 25.2 25.4 | 24.2 | WEAK | 10-13 | 35.9-36.3 | 36.1 | 36.3 | 3451 7552 | C44I 1920 |
| N 4 | 0-15 | 24 6 | 0851 | DAY | 46 | 25.4-25.5 | 25.5 25.5 | 22.3 | GRADUAL | - | 36.1-36.2 | 36.1 | 36.2 | 3442 7548 | C45I 1920 |
| N 4 | 19-33 | 24 6 | 0851 | DAY | 46 | 23.0-25.3 | 24.4 25.5 | 22.3 | GRADUAL | - | 36.1-36.3 | 36.2 | 36.2 | 3442 7548 | C45J 1920 |
| N 5 | 0-15 | 24 6 | 1039 | DAY | 08 | 25.3-25.6 | 25.5 25.6 | 18.4 | GRADUAL | - | 36.0-36.2 | 36.1 | 36.1 | 3433 7544 | C45I 1919 |
| N 5 | 19-33 | 24 6 | 1039 | DAY | 08 | 22.1-25.1 | 23.7 25.6 | 18.4 | GRADUAL | - | 36.1-36.3 | 36.2 | 36.1 | 3433 7544 | C45J 1919 |
| P 1 | 0-6 | 24 6 | 1834 | DAY | 16 | 23.6-24.0 | 24.0 24.0 | 22.0 | STRONG | 7-10 | 33.4-33.5 | 33.4 | 33.4 | 3438 7540 | C45E 1924 |
| P 2 | 0-6 | 24 6 | 2126 | NIGHT | 18 | 22.6-23.8 | 23.3 23.8 | 22.0 | GRADUAL | - | 33.3-33.5 | 33.3 | 33.3 | 3434 7537 | C45F 1922 |
| P 3 | 0-6 | 24 6 | 2311 | NIGHT | 16 | 23.5-23.7 | 23.6 23.7 | 23.0 | GRADUAL | - | 34.6-34.6 | 34.6 | 34.5 | 3425 7636 | C45G 1922 |
| P 4 | 0-15 | 24 6 | 1518 | DAY | 34 | 22.6-24.2 | 23.1 24.2 | 22.7 | NONE | - | 34.8-34.9 | 34.9 | 34.7 | 3417 7623 | C45H 1922 |
| P 4 | 19-24 | 24 6 | 1518 | DAY | 34 | 22.6-22.7 | 22.6 24.2 | 22.7 | NONE | - | 34.6-35.1 | 34.9 | 34.7 | 3417 7623 | C45I 1922 |
| P 5 | 0-15 | 25 6 | 0426 | DAWN | 209 | 27.2-27.2 | 27.2 27.2 | 20.2 | GRADUAL | - | 36.2-36.3 | 36.3 | 36.2 | 3404 7613 | C45E 1920 |
| P 5 | 19-33 | 25 6 | 0426 | DAWN | 209 | 27.3-27.3 | 27.3 27.2 | 20.2 | GRADUAL | - | 36.2-36.4 | 36.3 | 36.2 | 3404 7613 | C45F 1920 |

TABLE 2. (continued)

| CRUISE NO. 61 C STA. | TOW DEPTH (M) | DATE 1966 O M | TOW START FST | LIGHT COND. DAY | WATER DEPTH (M) | ***** RANGE | TEMPERATURE MEAN SURF. | IC1 BOT. | ***** DEGREE | THERMOCLINE DEPTH (M) | **** RANGE | SALINITY (0/00) MEAN | **** SURF. | POSITION LAT. LONG. | ** SUN ** RISE SET |
|----------------------------|---------------------|---------------------|---------------------|-----------------------|-----------------------|----------------|---------------------------|-------------|-----------------|-----------------------------|---------------|----------------------------|---------------|------------------------|-----------------------|
| G 6 | 0-15 | 21 8 | 1509 | DAY | 91 | 19.6-24.6 | 23.0 | 24.6 | 8.8 | STRONG | 7-30 | 30.8-31.1 | 31.0 | 3742 7422 | 0516 1843 |
| G 6 | 18-33 | 21 8 | 1509 | DAY | 91 | 7.1-16.4 | 11.0 | 24.6 | 8.8 | STRONG | 7-30 | 31.4-31.8 | 31.6 | 3742 7422 | 0518 1843 |
| H 1 | 0-3 | 22 8 | 0902 | DAY | 10 | 21.1-24.0 | 22.5 | 24.0 | 19.1 | STRONG | 3-5 | 30.9-30.9 | 30.9 | 3734 7533 | 0524 1846 |
| H 2 | 0-15 | 22 8 | 1005 | DAY | 18 | 14.5-24.5 | 19.0 | 24.9 | 14.5 | STRONG | 2-7 | 25.6-30.8 | 30.4 | 3732 7528 | 0524 1846 |
| H 3 | 0-6 | 22 8 | 1055 | DAY | 24 | 23.4-25.5 | 25.0 | 25.5 | 13.4 | STRONG | 5-12 | 29.9-35.6 | 32.3 | 3730 7522 | 0523 1845 |
| H 4 | 0-15 | 22 8 | 0305 | NIGHT | 26 | 12.6-24.5 | 21.6 | 24.5 | 9.8 | STRONG | 10-17 | 30.5-31.1 | 30.6 | 3727 7510 | 0523 1845 |
| H 5 | 0-15 | 22 8 | 0139 | NIGHT | 40 | 18.8-25.4 | 23.7 | 25.4 | 8.4 | STRONG | 11-22 | 30.5-31.0 | 30.7 | 3723 7458 | 0522 1843 |
| H 5 | 18-24 | 22 8 | 0139 | NIGHT | 40 | 9.7-14.8 | 11.7 | 25.4 | 8.4 | STRONG | 11-22 | 31.0-31.2 | 31.1 | 30.8 3723 7458 | 0522 1843 |
| H 6 | 0-15 | 21 8 | 2143 | NIGHT | 86 | 20.7-25.5 | 24.1 | 25.5 | 9.3 | STRONG | 8-30 | 30.7-32.0 | 30.9 | 30.7 3718 7440 | 0520 1844 |
| H 6 | 18-33 | 21 8 | 2143 | NIGHT | 86 | 6.5-17.2 | 10.6 | 25.5 | 9.3 | STRONG | 8-30 | 31.2-31.9 | 31.4 | 30.7 3718 7440 | 0520 1844 |
| H 7 | 0-15 | 21 8 | 2030 | NIGHT | 131 | 22.0-25.5 | 24.4 | 25.5 | 10.5 | STRONG | 10-30 | 30.9-31.6 | 31.2 | 30.9 3716 7434 | 0519 1842 |
| H 7 | 18-33 | 21 8 | 2030 | NIGHT | 131 | 6.0-18.5 | 10.3 | 25.5 | 10.5 | STRONG | 10-30 | 30.6-31.8 | 31.1 | 30.9 3716 7434 | 0519 1842 |
| J 1 | 0-6 | 22 8 | 1623 | DAY | 15 | 22.1-25.0 | 23.7 | 25.0 | 19.4 | STRONG | 3-8 | 27.3-28.7 | 27.9 | 27.3 3655 7558 | 0522 1843 |
| J 2 | 0-6 | 22 8 | 1539 | DAY | 10 | 15.4-22.8 | 18.6 | 22.8 | 14.6 | STRONG | 0-5 | 28.3-30.8 | 29.7 | 28.3 3655 7552 | 0522 1846 |
| J 3 | 0-6 | 22 8 | 1455 | DAY | 16 | 17.2-22.8 | 19.8 | 22.8 | 14.5 | STRONG | 0-7 | 28.8-30.3 | 29.6 | 28.8 3654 7545 | 0525 1846 |
| J 4 | 0-6 | 22 8 | 2157 | NIGHT | 17 | 24.2-26.0 | 25.8 | 26.0 | 13.0 | STRONG | 5-13 | 30.6-30.7 | 30.6 | 30.6 3653 7533 | 0524 1845 |
| J 5 | 0-15 | 22 8 | 2347 | NIGHT | 26 | 15.7-26.1 | 21.2 | 26.1 | 10.3 | GRADUAL | - | 30.4-31.2 | 30.7 | 30.4 3652 7521 | 0523 1844 |
| J 6 | 0-15 | 23 8 | 0335 | NIGHT | 35 | 18.5-25.8 | 23.6 | 25.7 | 8.3 | STRONG | 6-24 | 30.3-30.6 | 30.5 | 30.4 3650 7502 | 0523 1841 |
| J 6 | 18-33 | 23 8 | 0335 | NIGHT | 35 | 8.2-14.5 | 9.6 | 25.7 | 8.3 | STRONG | 6-24 | 30.7-31.4 | 31.0 | 30.4 3650 7502 | 0523 1841 |
| J 7 | 0-15 | 23 8 | 0617 | DAY | 102 | 22.9-25.8 | 25.2 | 25.8 | 10.8 | STRONG | 11-36 | 30.7-31.5 | 31.1 | 30.7 3648 7444 | 0522 1840 |
| J 7 | 18-33 | 23 8 | 0617 | DAY | 102 | 8.2-22.2 | 14.4 | 25.8 | 10.8 | STRONG | 11-36 | 31.7-32.3 | 32.0 | 30.7 3648 7444 | 0522 1840 |
| K 1 | 0-6 | 24 8 | 2151 | NIGHT | 13 | 23.3-23.4 | 23.4 | 23.4 | 22.8 | NONE | - | 30.3-30.4 | 30.3 | 30.3 3623 7548 | 0528 1843 |
| K 2 | 0-6 | 24 8 | 2056 | NIGHT | 18 | 22.6-23.5 | 23.3 | 23.5 | 17.8 | STRONG | 6-12 | 30.9-30.9 | 30.9 | 30.9 3623 7542 | 0528 1843 |
| K 3 | 0-15 | 24 8 | 1954 | NIGHT | 25 | 15.0-24.4 | 22.1 | 24.4 | 14.8 | STRONG | 7-15 | 30.7-31.1 | 30.8 | 30.9 3622 7536 | 0527 1842 |
| K 4 | 0-15 | 23 8 | 1857 | NIGHT | 27 | 14.5-25.5 | 22.0 | 25.5 | 10.5 | STRONG | 8-18 | 30.2-31.3 | 30.9 | 31.2 3622 7523 | 0526 1843 |
| K 4 | 18-24 | 23 8 | 1857 | NIGHT | 27 | 10.8-12.9 | 11.7 | 25.5 | 10.5 | STRONG | 8-18 | 30.8-31.6 | 31.3 | 31.2 3622 7523 | 0526 1843 |
| K 5 | 0-15 | 23 8 | 1718 | DAY | 30 | 19.4-26.4 | 22.9 | 26.4 | 9.6 | STRONG | 7-23 | 31.2-31.3 | 31.3 | 31.1 3622 7511 | 0525 1842 |
| K 5 | 18-24 | 23 8 | 1718 | DAY | 30 | 10.2-15.4 | 12.3 | 26.4 | 9.6 | STRONG | 7-23 | 31.4-31.7 | 31.6 | 31.1 3622 7511 | 0525 1842 |
| K 6 | 0-15 | 23 8 | 1329 | DAY | 41 | 14.4-26.7 | 22.8 | 26.7 | 7.7 | STRONG | 7-15 | 30.2-31.2 | 30.8 | 30.9 3621 7508 | 0524 1841 |
| K 6 | 18-33 | 23 8 | 1329 | DAY | 41 | 8.1-13.1 | 10.2 | 26.7 | 7.7 | STRONG | 7-15 | 31.0-32.2 | 32.0 | 30.9 3621 7508 | 0524 1841 |
| K 7 | 0-15 | 23 8 | 1155 | DAY | 668 | 18.8-26.1 | 24.0 | 26.1 | 10.8 | STRONG | 10-34 | 30.4-31.2 | 30.7 | 30.5 3621 7446 | 0523 1840 |
| K 7 | 18-33 | 23 8 | 1155 | DAY | 668 | 7.9-16.3 | 11.2 | 26.1 | 10.8 | STRONG | 10-34 | 31.7-32.5 | 32.1 | 30.5 3621 7446 | 0523 1840 |
| L 1 | 0-6 | 25 8 | 0255 | NIGHT | 13 | 23.8-23.8 | 23.8 | 23.8 | 23.6 | NONE | - | 31.0-31.1 | 31.1 | 31.1 3546 7530 | 0528 1839 |
| L 2 | 0-6 | 25 8 | 0211 | NIGHT | 16 | 23.7-24.3 | 24.2 | 24.2 | 20.2 | STRONG | 6-11 | 30.9-31.3 | 31.1 | 30.9 3546 7524 | 0528 1839 |
| L 3 | 0-15 | 25 8 | 0445 | NIGHT | 23 | 16.5-24.6 | 22.2 | 24.6 | 16.4 | STRONG | 7-14 | 31.3-31.9 | 31.5 | 31.5 3546 7517 | 0527 1838 |
| L 3 | 18-24 | 25 8 | 0445 | NIGHT | 33 | 14.7-16.4 | 15.6 | 24.6 | 16.4 | STRONG | 7-14 | 32.2-32.7 | 32.5 | 31.5 3546 7517 | 0527 1838 |
| L 4 | 0-15 | 25 8 | 0618 | DAY | 41 | 24.5-25.8 | 25.6 | 25.8 | 16.0 | STRONG | 19-25 | 31.9-33.6 | 32.4 | 31.8 3545 7505 | 0526 1837 |
| L 4 | 18-33 | 25 8 | 0618 | DAY | 41 | 15.6-24.1 | 18.1 | 25.8 | 16.0 | STRONG | 19-25 | 31.2-34.5 | 33.3 | 31.8 3545 7505 | 0526 1837 |
| L 5 | 0-15 | 25 8 | 0759 | DAY | 214 | 19.1-25.3 | 24.3 | 25.3 | 8.9 | WEAK | 10-26 | 31.0-31.5 | 31.4 | 31.4 3545 7452 | 0525 1836 |
| L 5 | 18-33 | 25 8 | 0759 | DAY | 214 | 8.1-16.1 | 11.3 | 25.3 | 8.9 | WEAK | 10-26 | 31.3-33.8 | 32.3 | 31.4 3545 7452 | 0525 1836 |
| M 1 | 0-6 | 25 8 | 1212 | DAY | 15 | 25.4-25.4 | 25.4 | 25.4 | 25.4 | NONE | - | 31.4-31.6 | 31.5 | 31.5 3518 7525 | 0525 1839 |
| M 2 | 0-6 | 25 8 | 1307 | DAY | 17 | 24.9-25.2 | 25.1 | 25.0 | 23.0 | WEAK | 7-10 | 32.1-32.6 | 32.3 | 32.6 3516 7523 | 0525 1839 |
| M 3 | 0-15 | 25 8 | 1400 | DAY | 25 | 18.9-25.6 | 22.0 | 25.6 | 19.6 | STRONG | 4-10 | 32.6-33.5 | 33.3 | 32.6 3514 7518 | 0528 1838 |
| M 4 | 0-15 | 25 8 | 1502 | DAY | 54 | 24.4-27.6 | 26.8 | 27.6 | 22.2 | WEAK | 7-17 | 34.6-35.1 | 34.9 | 34.7 3512 7512 | 0528 1838 |
| M 4 | 18-24 | 25 8 | 1502 | DAY | 54 | 22.3-23.4 | 22.7 | 27.6 | 22.2 | WEAK | 7-17 | 34.6-34.9 | 34.8 | 34.7 3512 7512 | 0528 1838 |
| M 5 | 0-15 | 25 8 | 1608 | DAY | 381 | 27.2-27.7 | 27.6 | 27.6 | 12.1 | STRONG | 41-5 | 34.5-34.9 | 34.6 | 34.4 3510 7507 | 0527 1837 |
| M 5 | 18-33 | 25 8 | 1608 | DAY | 381 | 23.1-26.8 | 25.4 | 27.6 | 12.1 | STRONG | 41-5 | 34.8-35.2 | 35.0 | 34.4 3510 7507 | 0527 1837 |
| N 1 | 0-15 | 25 8 | 2036 | NIGHT | 22 | 27.1-27.2 | 27.2 | 27.2 | 26.6 | NONE | - | 34.6-34.8 | 34.7 | 34.6 3501 7557 | 0527 1837 |
| N 2 | 0-15 | 25 8 | 2142 | NIGHT | 23 | 23.7-26.4 | 25.6 | 26.4 | 23.7 | WEAK | 6-13 | 34.4-35.3 | 34.8 | 34.4 3456 7555 | 0527 1837 |
| N 3 | 0-15 | 25 8 | 2242 | NIGHT | 27 | 27.5-27.5 | 27.5 | 27.5 | 25.2 | GRADUAL | - | 34.5-35.1 | 34.6 | 34.5 3451 7552 | 0530 1839 |
| N 3 | 18-24 | 25 8 | 2242 | NIGHT | 27 | 25.5-27.0 | 26.3 | 27.5 | 25.2 | GRADUAL | - | 35.0-35.2 | 35.1 | 34.5 3451 7552 | 0530 1839 |
| N 4 | 0-15 | 26 8 | 0009 | NIGHT | 48 | 28.0-28.0 | 28.0 | 28.0 | 21.6 | WEAK | 17-41 | 34.1-34.5 | 34.2 | 34.1 3442 7548 | 0531 1838 |
| N 4 | 18-33 | 26 8 | 0009 | NIGHT | 48 | 22.9-27.5 | 25.2 | 28.0 | 21.6 | WEAK | 17-41 | 34.8-35.3 | 35.0 | 34.1 3442 7548 | 0531 1838 |
| N 5 | 0-15 | 26 8 | 0132 | NIGHT | 206 | 28.3-28.8 | 28.6 | 28.3 | 13.3 | GRADUAL | - | 34.1-35.2 | 34.7 | 34.2 3433 7544 | 0531 1838 |
| N 5 | 18-33 | 26 8 | 0132 | NIGHT | 206 | 26.0-28.5 | 27.4 | 28.3 | 13.3 | GRADUAL | - | 35.1-35.4 | 35.2 | 34.2 3433 7544 | 0531 1838 |
| P 1 | 0-6 | 26 8 | 1150 | DAY | 12 | 26.6-26.6 | 26.6 | 26.6 | 25.7 | NONE | - | 34.3-34.6 | 34.4 | 34.3 3438 7540 | 0535 1842 |
| P 2 | 0-6 | 26 8 | 1049 | DAY | 15 | 26.5-26.5 | 26.5 | 26.5 | 25.9 | NONE | - | 34.4-34.7 | 34.6 | 34.4 3434 7537 | 0534 1841 |
| P 3 | 0-6 | 26 8 | 0922 | DAY | 13 | 26.1-26.2 | 26.2 | 26.1 | 25.4 | NONE | - | 34.7-34.9 | 34.8 | 34.7 3425 7636 | 0535 1841 |
| P 4 | 0-15 | 26 8 | 0753 | DAY | 28 | 25.5-27.8 | 27.5 | 27.8 | 22.7 | WEAK | 10-19 | 34.3-34.5 | 34.5 | 34.3 3417 7523 | 0535 1840 |
| P 5 | 0-15 | 26 8 | 0552 | DAY | 187 | 28.4-28.8 | 28.6 | 28.4 | 16.2 | GRADUAL | - | 33.9-35.1 | 34.2 | 33.8 3404 7613 | 0534 1839 |
| P 5 | 18-33 | 26 8 | 0552 | DAY | 187 | 26.7-26.7 | 26.1 | 26.4 | 16.2 | GRADUAL | - | 35.1-35.4 | 35.2 | 33.8 3404 7613 | 0534 1839 |

TABLE 2. (continued)

33

| CRUISE D6611 STA. | TOW OFT IM | DATE 1966 O M | TOW START EST | LIGHT COND. | WATER DEPTH (M) | **** RANGE | TEMPERATURE MEAN SURF. | (C) SURF. | **** BOT. | THERMOCLINE DEGREE | DEPTH (M) | **** RANGE | SALINITY 10/00 MEAN | **** SURF. | POSITION LAT. LONG. | ** SUN ** RISE SET |
|-------------------------|------------------|---------------------|---------------------|----------------|-----------------------|---------------|---------------------------|--------------|--------------|-----------------------|--------------|---------------|---------------------------|---------------|------------------------|-----------------------|
| A 1 | 0-3 | 13 | 0927 | DAY | 19 | 17.1-17.2 | 17.2 | 17.2 | 17.1 | NONE | - | 31.4-31.4 | 31.4 | 31.4 | 4117 7048 | 0521 1757 |
| A 2 | 0-15 | 13 | 1033 | DAY | 30 | 16.6-17.2 | 16.7 | 17.2 | 13.6 | GRADUAL | - | 31.4-31.5 | 31.4 | 31.4 | 4112 7047 | 0521 1757 |
| A 2 | 19-24 | 13 | 1033 | DAY | 30 | 14.5-15.8 | 15.3 | 17.2 | 13.6 | GRADUAL | - | 31.5-31.5 | 31.5 | 31.4 | 4112 7047 | 0521 1757 |
| A 3 | 0-15 | 13 | 1143 | DAY | 40 | 15.6-16.2 | 17.3 | 16.2 | 11.7 | GRADUAL | - | 31.2-31.7 | 31.5 | 31.5 | 4107 7046 | 0521 1757 |
| A 3 | 19-24 | 13 | 1143 | DAY | 40 | 13.0-14.6 | 13.8 | 18.2 | 11.7 | GRADUAL | - | 31.3-31.7 | 31.5 | 31.5 | 4107 7046 | 0521 1757 |
| A 4 | 0-15 | 13 | 1315 | DAY | 45 | 19.1-15.8 | 19.6 | 19.8 | 9.6 | STRONG | 19-24 | 31.9-32.0 | 32.0 | 32.0 | 4057 7044 | 0521 1756 |
| A 4 | 18-33 | 13 | 1315 | DAY | 49 | 11.5-18.6 | 14.2 | 19.8 | 9.6 | STRONG | 19-24 | 31.5-31.9 | 31.7 | 32.0 | 4057 7044 | 0521 1756 |
| A 5 | 0-15 | 13 | 1716 | DAY | 60 | 17.6-17.8 | 17.7 | 17.8 | 8.9 | STRONG | 20-30 | 31.6-31.8 | 31.7 | 31.8 | 4047 7042 | 0521 1756 |
| A 5 | 19-33 | 13 | 1716 | DAY | 60 | 11.2-17.6 | 14.6 | 17.8 | 8.9 | STRONG | 20-30 | 31.4-31.8 | 31.6 | 31.8 | 4047 7042 | 0521 1756 |
| A 6 | 0-15 | 13 | 1930 | NIGHT | 68 | 17.4-17.6 | 17.5 | 17.4 | 7.8 | STRONG | 20-41 | 31.6-32.1 | 32.0 | 32.0 | 4032 7040 | 0521 1756 |
| A 6 | 19-33 | 13 | 1930 | NIGHT | 68 | 11.5-17.8 | 14.8 | 17.4 | 7.8 | STRONG | 20-41 | 31.7-32.2 | 31.9 | 32.0 | 4032 7040 | 0521 1756 |
| A 7 | 0-12 | 14 | 0004 | NIGHT | 112 | 19.5-18.8 | 18.8 | 18.8 | 8.3 | STRONG | 19-40 | 32.5-32.7 | 32.5 | 32.6 | 4017 7037 | 0521 1754 |
| A 7 | 19-30 | 14 | 0004 | NIGHT | 112 | 12.3-17.7 | 15.2 | 18.8 | 8.3 | STRONG | 19-40 | 32.1-32.4 | 32.2 | 32.6 | 4017 7037 | 0521 1754 |
| P 1 | 0-6 | 14 | 2204 | NIGHT | 26 | 18.2-18.2 | 18.2 | 18.2 | 17.5 | NONE | - | 31.0-31.0 | 31.0 | 31.0 | 4103 7151 | 0526 1759 |
| P 2 | 0-15 | 14 | 2325 | NIGHT | 34 | 18.3-18.6 | 18.5 | 18.6 | 13.2 | GRADUAL | - | 31.4-31.6 | 31.5 | 31.4 | 4058 7149 | 0526 1759 |
| P 3 | 0-15 | 16 | 2333 | NIGHT | 50 | 17.6-15.6 | 15.1 | 15.6 | 10.0 | STRONG | 20-30 | 32.4-32.5 | 32.4 | 32.3 | 4054 7147 | 0528 1755 |
| P 3 | 18-33 | 16 | 2333 | NIGHT | 50 | 10.7-15.1 | 12.3 | 19.6 | 10.0 | STRONG | 20-30 | 31.6-32.4 | 32.0 | 32.3 | 4054 7147 | 0528 1755 |
| P 4 | 0-15 | 14 | 1643 | DAY | 63 | 20.5-21.0 | 20.9 | 21.0 | 8.5 | STRONG | 18-39 | 32.0-32.2 | 32.1 | 32.0 | 4044 7144 | 0526 1759 |
| P 4 | 19-33 | 14 | 1643 | DAY | 63 | 10.4-20.9 | 15.0 | 21.0 | 8.5 | STRONG | 18-39 | 31.6-32.4 | 32.1 | 32.0 | 4044 7144 | 0526 1759 |
| P 5 | 0-15 | 14 | 1259 | DAY | 72 | 21.7-21.7 | 21.7 | 21.7 | 8.3 | STRONG | 24-45 | 32.3-32.4 | 32.3 | 32.3 | 4034 7140 | 0526 1759 |
| P 5 | 18-33 | 14 | 1259 | DAY | 72 | 14.9-21.6 | 19.8 | 21.7 | 8.3 | STRONG | 24-45 | 32.2-32.4 | 32.3 | 32.3 | 4034 7140 | 0526 1759 |
| P 6 | 0-15 | 14 | 0904 | DAY | 82 | 18.9-18.5 | 18.9 | 18.9 | 9.3 | WEAK | 18-35 | 31.9-32.1 | 32.0 | 31.8 | 4020 7135 | 0525 1758 |
| P 6 | 18-33 | 14 | 0904 | DAY | 82 | 10.5-18.5 | 15.0 | 18.9 | 9.3 | WEAK | 18-35 | 32.1-32.3 | 32.2 | 31.8 | 4020 7135 | 0525 1758 |
| P 7 | 0-15 | 14 | 0357 | NIGHT | 94 | 15.5-18.7 | 18.0 | 18.6 | 9.9 | WEAK | 10-35 | 31.6-32.3 | 32.2 | 32.3 | 4005 7129 | 0525 1757 |
| P 7 | 19-33 | 14 | 0357 | NIGHT | 94 | 8.2-14.0 | 10.5 | 18.6 | 9.9 | WEAK | 10-35 | 31.7-32.2 | 31.9 | 32.3 | 4005 7129 | 0525 1757 |
| C 1 | 0-5 | 17 | 0750 | DAY | 17 | 19.8-19.9 | 19.9 | 19.8 | 19.9 | NONE | - | 31.2-31.5 | 31.4 | 31.4 | 4035 7317 | 0535 1800 |
| C 2 | 0-15 | 17 | 0658 | DAY | 27 | 19.3-15.5 | 15.5 | 19.9 | 18.7 | NONE | - | 31.0-31.6 | 31.2 | 31.5 | 4031 7314 | 0535 1800 |
| C 3 | 0-15 | 17 | 0607 | DAY | 34 | 19.1-15.6 | 15.4 | 15.6 | 18.5 | GRADUAL | - | 31.3-31.5 | 31.4 | 31.4 | 4027 7310 | 0535 1800 |
| C 3 | 18-24 | 17 | 0607 | DAY | 34 | 18.6-15.0 | 18.9 | 19.6 | 18.5 | GRADUAL | - | 31.2-31.4 | 31.3 | 31.4 | 4027 7310 | 0535 1800 |
| C 4 | 0-15 | 17 | 1540 | DAY | 41 | 20.7-21.2 | 20.9 | 21.2 | 9.0 | STRONG | 18-27 | 31.5-31.8 | 31.7 | 31.4 | 4019 7303 | 0538 1803 |
| C 4 | 18-33 | 17 | 1540 | DAY | 41 | 9.2-20.4 | 13.0 | 21.2 | 9.0 | STRONG | 18-27 | 31.4-31.8 | 31.6 | 31.4 | 4019 7303 | 0538 1803 |
| C 5 | 0-15 | 17 | 1735 | DUSK | 48 | 20.3-20.6 | 20.5 | 20.6 | 6.4 | STRONG | 20-29 | 32.0-32.6 | 32.2 | 32.5 | 4010 7255 | 0534 1759 |
| C 5 | 19-33 | 17 | 1735 | DUSK | 48 | 6.8-20.2 | 12.3 | 20.6 | 6.4 | STRONG | 20-29 | 32.0-32.7 | 32.3 | 32.5 | 4010 7255 | 0534 1759 |
| C 6 | 0-15 | 17 | 1933 | NIGHT | 57 | 20.2-20.8 | 20.4 | 20.8 | 6.2 | STRONG | 17-28 | 32.0-32.1 | 32.0 | 32.0 | 3958 7244 | 0532 1758 |
| C 6 | 18-33 | 17 | 1933 | NIGHT | 57 | 7.8-19.4 | 12.7 | 20.8 | 6.2 | STRONG | 17-28 | 31.2-31.9 | 31.6 | 32.0 | 3958 7244 | 0533 1758 |
| C 7 | 0-15 | 17 | 2147 | NIGHT | 74 | 19.9-20.1 | 20.0 | 20.1 | 7.9 | STRONG | 15-30 | 31.7-31.9 | 31.8 | 31.5 | 3946 7233 | 0532 1756 |
| C 7 | 18-33 | 17 | 2147 | NIGHT | 74 | 8.5-17.4 | 12.1 | 20.1 | 7.9 | STRONG | 15-30 | 31.5-31.9 | 31.7 | 31.9 | 3946 7233 | 0532 1756 |
| C 8 | 0-15 | 17 | 2349 | NIGHT | 315 | 20.8-20.8 | 20.8 | 20.8 | 10.9 | STRONG | 32-40 | 32.0-33.1 | 33.1 | 33.1 | 3934 7222 | 0532 1756 |
| C 8 | 18-33 | 17 | 2349 | NIGHT | 315 | 19.4-20.8 | 20.5 | 20.8 | 10.9 | STRONG | 32-40 | 32.5-33.1 | 33.0 | 33.1 | 3934 7222 | 0532 1756 |
| D 1 | 0-6 | 18 | 1413 | DAY | 16 | 21.0-21.1 | 21.0 | 21.1 | 20.7 | NONE | - | 30.4-30.5 | 30.5 | 30.4 | 3951 7404 | 0543 1805 |
| D 2 | 0-6 | 18 | 1321 | DAY | 21 | 20.1-20.6 | 20.3 | 20.6 | 19.7 | NONE | - | 30.1-30.4 | 30.3 | 30.0 | 3948 7359 | 0539 1801 |
| D 3 | 0-15 | 18 | 1226 | DAY | 23 | 20.0-20.3 | 20.2 | 20.3 | 16.3 | WEAK | 22-26 | 30.5-30.9 | 30.7 | 30.5 | 3945 7354 | 0535 1801 |
| D 3 | 0-15 | 18 | 1049 | DAY | 30 | 19.5-20.2 | 19.9 | 20.2 | 14.2 | STRONG | 15-21 | 30.6-30.8 | 30.7 | 30.5 | 3939 7343 | 0536 1800 |
| D 4 | 18-24 | 18 | 1059 | DAY | 30 | 14.6-17.2 | 15.5 | 20.2 | 14.2 | STRONG | 15-21 | 30.6-30.6 | 30.6 | 30.5 | 3939 7343 | 0538 1800 |
| D 5 | 0-15 | 18 | 0943 | DAY | 35 | 13.9-20.3 | 18.6 | 20.3 | 9.7 | STRONG | 9-20 | 30.1-30.8 | 30.6 | 30.7 | 3932 7333 | 0537 1759 |
| D 5 | 18-33 | 18 | 0943 | DAY | 35 | 9.7-11.6 | 10.0 | 20.3 | 9.7 | STRONG | 9-20 | 30.3-30.9 | 30.7 | 30.7 | 3932 7333 | 0537 1759 |
| D 6 | 0-15 | 18 | 0743 | DAY | 54 | 14.4-20.9 | 19.6 | 20.9 | 7.3 | STRONG | 11-23 | 30.5-31.7 | 31.5 | 31.3 | 3923 7315 | 0536 1758 |
| D 6 | 18-33 | 18 | 0743 | DAY | 54 | 7.5-11.6 | 6.4 | 20.9 | 7.3 | STRONG | 11-23 | 30.7-31.2 | 30.9 | 31.3 | 3923 7315 | 0536 1758 |
| D 7 | 0-15 | 18 | 0524 | DAWN | 71 | 19.9-20.0 | 20.0 | 20.0 | 5.9 | STRONG | 18-49 | 32.0-32.1 | 32.1 | 32.0 | 3914 7303 | 0539 1801 |
| D 7 | 18-33 | 18 | 0524 | DAWN | 71 | 11.7-19.8 | 16.6 | 20.0 | 5.9 | STRONG | 18-49 | 31.3-32.1 | 31.8 | 32.0 | 3914 7303 | 0539 1801 |
| D 8 | 0-15 | 18 | 0324 | NIGHT | 118 | 20.2-21.2 | 20.8 | 20.2 | 10.5 | STRONG | 24-35 | 32.1-33.1 | 32.7 | 32.1 | 3906 7250 | 0534 1756 |
| D 8 | 19-33 | 18 | 0324 | NIGHT | 118 | 13.7-21.2 | 18.9 | 20.2 | 10.5 | STRONG | 24-35 | 31.9-33.0 | 32.5 | 32.1 | 3906 7250 | 0534 1756 |

TABLE 2. (continued)

| CRUISE NO. | TOW DEPTH (M) | DATE DAY MONTH | TIME HOUR MIN | LIGHT COND. | WATER DEPTH (M) | TEMPERATURE (C) RANGE MEAN | SURF. BOT. | THERMOCLINE DEPTH (M) | SALINITY 10/00 RANGE MEAN | SURF. BOT. | POSITION LAT. LONG. | SUN RISE SET |
|---------------|---------------------|----------------------|---------------------|----------------|-----------------------|----------------------------------|---------------|-----------------------------|------------------------------------|---------------|------------------------|-----------------|
| G 6 | 0-15 | 4 10 | 1209 | DAY | 85 | 19.1-19.4 | 19.2 | 11.7 | 31.5-31.9 | 31.7 | 3742 7422 | 0556 1737 |
| G 6 | 18-33 | 4 10 | 1209 | DAY | 85 | 15.9-19.5 | 18.7 | 11.7 | 31.8-32.3 | 32.1 | 3742 7422 | 0556 1737 |
| H 1 | 0-6 | 3 10 | 1656 | DAY | 11 | 19.4-19.4 | 19.4 | NONE | 30.6-30.7 | 30.6 | 3734 7533 | 0559 1743 |
| H 2 | 0-6 | 3 10 | 1752 | NIGHT | 14 | 19.8-19.8 | 19.8 | NONE | 31.0-31.1 | 31.0 | 3722 7528 | 0559 1743 |
| H 3 | 0-15 | 3 10 | 1853 | NIGHT | 25 | 19.5-19.6 | 19.5 | NONE | 31.0-31.2 | 31.1 | 3730 7522 | 0558 1742 |
| H 4 | 0-15 | 3 10 | 1914 | DAY | 28 | 19.3-19.4 | 19.3 | NONE | 30.0-30.9 | 30.7 | 3727 7510 | 0558 1742 |
| H 5 | 0-15 | 3 10 | 1950 | DAY | 35 | 19.6-19.7 | 19.7 | GRADUAL | 30.8-30.9 | 30.9 | 3723 7458 | 0557 1741 |
| H 5 | 18-33 | 3 10 | 1950 | DAY | 39 | 16.1-18.6 | 17.2 | GRADUAL | 30.9-31.1 | 31.0 | 3723 7458 | 0557 1741 |
| H 6 | 0-15 | 3 10 | 0611 | DAY | 77 | 19.3-19.3 | 19.3 | STRONG | 31.9-32.7 | 32.1 | 3718 7440 | 0556 1740 |
| H 6 | 18-33 | 3 10 | 0611 | DAY | 77 | 13.1-15.4 | 14.1 | STRONG | 31.7-31.9 | 31.9 | 3718 7440 | 0556 1740 |
| H 7 | 0-15 | 3 10 | 0519 | NIGHT | 116 | 19.3-19.3 | 19.3 | STRONG | 32.1-32.4 | 32.2 | 3716 7434 | 0555 1739 |
| H 7 | 18-33 | 3 10 | 0519 | NIGHT | 116 | 8.5-18.0 | 12.5 | STRONG | 31.1-32.8 | 32.0 | 3716 7434 | 0555 1739 |
| J 1 | 0-6 | 1 10 | 1448 | DAY | 14 | 21.4-21.6 | 21.5 | NONE | 28.8-28.9 | 28.9 | 3655 7558 | 0555 1744 |
| J 2 | 0-6 | 1 10 | 1551 | DAY | 11 | 21.6-21.6 | 21.6 | NONE | 27.8-28.1 | 28.5 | 3655 7552 | 0558 1747 |
| J 3 | 0-6 | 1 10 | 1657 | DAY | 17 | 21.9-22.0 | 21.9 | NONE | 28.4-28.8 | 28.5 | 3654 7545 | 0558 1747 |
| J 4 | 0-6 | 2 10 | 1649 | DAY | 20 | 20.4-20.4 | 20.4 | NONE | 30.3-31.2 | 30.9 | 3653 7533 | 0558 1745 |
| J 5 | 0-15 | 2 10 | 1723 | DAY | 28 | 20.0-20.1 | 20.1 | WEAK | 31.4-31.6 | 31.5 | 3652 7521 | 0557 1744 |
| J 6 | 0-15 | 2 10 | 1725 | NIGHT | 35 | 19.1-19.5 | 19.4 | WEAK | 31.8-31.9 | 31.8 | 3650 7502 | 0556 1743 |
| J 6 | 18-24 | 2 10 | 1725 | NIGHT | 35 | 14.5-16.0 | 15.5 | WEAK | 31.5-31.6 | 31.5 | 3650 7502 | 0556 1743 |
| J 7 | 0-15 | 2 10 | 1755 | NIGHT | 85 | 20.1-20.1 | 20.1 | STRONG | 32.4-32.6 | 32.5 | 3648 7444 | 0555 1742 |
| J 7 | 18-33 | 2 10 | 1755 | NIGHT | 85 | 12.7-20.1 | 16.0 | STRONG | 32.0-32.9 | 32.5 | 3648 7444 | 0555 1742 |
| K 1 | 0-15 | 1 10 | 0730 | DAY | 17 | 19.7-21.4 | 20.8 | NONE | 30.4-30.9 | 30.6 | 3623 7546 | 0558 1747 |
| K 2 | 0-15 | 1 10 | 0825 | DAY | 22 | 21.4-22.0 | 21.9 | WEAK | 30.0-30.7 | 30.2 | 3623 7542 | 0558 1747 |
| K 3 | 0-15 | 1 10 | 0924 | DAY | 25 | 19.9-21.9 | 21.5 | WEAK | 29.5-30.9 | 30.3 | 3622 7536 | 0557 1746 |
| K 4 | 0-15 | 1 10 | 0953 | NIGHT | 25 | 20.5-21.5 | 21.4 | WEAK | 30.4-30.8 | 30.6 | 3622 7522 | 0557 1746 |
| K 5 | 0-15 | 1 10 | 1010 | NIGHT | 33 | 18.8-21.6 | 21.1 | WEAK | 30.6-30.8 | 30.7 | 3622 7511 | 0556 1745 |
| K 5 | 18-24 | 1 10 | 1010 | NIGHT | 33 | 12.5-15.9 | 13.9 | WEAK | 30.6-31.0 | 30.9 | 3622 7511 | 0556 1745 |
| K 6 | 0-15 | 30 9 | 2016 | NIGHT | 45 | 20.6-24.4 | 21.6 | STRONG | 31.3-34.8 | 32.7 | 3621 7458 | 0554 1746 |
| K 6 | 18-33 | 30 9 | 2016 | NIGHT | 49 | 10.8-22.4 | 15.0 | STRONG | 31.5-33.9 | 32.3 | 3621 7458 | 0554 1746 |
| K 7 | 0-15 | 30 9 | 1850 | NIGHT | 823 | 21.6-24.6 | 23.0 | STRONG | 31.5-34.4 | 33.3 | 3621 7446 | 0553 1745 |
| K 7 | 18-33 | 30 9 | 1850 | NIGHT | 823 | 19.3-25.0 | 21.7 | STRONG | 31.7-34.8 | 34.1 | 3621 7446 | 0553 1745 |
| L 1 | 0-6 | 30 9 | 0406 | NIGHT | 13 | 22.4-22.7 | 22.6 | GRADUAL | 27.8-30.2 | 29.2 | 3546 7530 | 0556 1748 |
| L 2 | 0-6 | 30 9 | 0305 | NIGHT | 22 | 22.6-22.7 | 22.7 | GRADUAL | 29.3-29.9 | 29.6 | 3546 7524 | 0556 1748 |
| L 3 | 0-15 | 30 9 | 0157 | NIGHT | 34 | 21.7-22.5 | 22.3 | - | 28.7-31.3 | 30.2 | 3546 7517 | 0555 1747 |
| L 3 | 18-24 | 30 9 | 0157 | NIGHT | 34 | 20.3-21.6 | 21.1 | - | 31.8-32.8 | 32.3 | 3546 7517 | 0555 1747 |
| L 4 | 0-15 | 30 9 | 1050 | DAY | 45 | 23.1-25.5 | 24.2 | STRONG | 31.7-34.7 | 32.1 | 3545 7505 | 0554 1746 |
| L 4 | 18-33 | 30 9 | 1050 | DAY | 45 | 10.5-25.4 | 15.6 | STRONG | 33.6-35.9 | 34.9 | 3545 7505 | 0554 1746 |
| L 5 | 0-15 | 30 9 | 1231 | DAY | 376 | 23.2-24.3 | 23.9 | - | 32.1-33.6 | 32.2 | 3545 7452 | 0553 1745 |
| L 5 | 18-33 | 30 9 | 1231 | DAY | 376 | 19.2-25.2 | 23.8 | - | 33.6-34.8 | 34.3 | 3545 7452 | 0553 1745 |
| M 1 | 0-6 | 28 9 | 1619 | DAY | 14 | 23.6-23.8 | 23.8 | NONE | 31.0-31.0 | 31.0 | 3518 7525 | 0554 1751 |
| M 2 | 0-6 | 28 9 | 1928 | NIGHT | 19 | 23.2-23.3 | 23.3 | WEAK | 31.0-31.1 | 31.0 | 3516 7523 | 0554 1751 |
| M 3 | 0-15 | 29 9 | 2036 | NIGHT | 26 | 22.3-24.3 | 22.7 | WEAK | 31.0-33.4 | 31.5 | 3514 7518 | 0553 1750 |
| M 4 | 0-15 | 29 9 | 2324 | NIGHT | 58 | 23.3-25.2 | 24.4 | GRADUAL | 31.4-35.1 | 33.2 | 3512 7512 | 0553 1750 |
| M 5 | 0-15 | 29 9 | 0031 | NIGHT | 356 | 23.5-25.6 | 24.6 | WEAK | 31.6-35.3 | 33.7 | 3510 7507 | 0553 1747 |
| M 5 | 18-33 | 29 9 | 0031 | NIGHT | 356 | 25.4-25.7 | 25.6 | WEAK | 35.1-35.4 | 35.3 | 3510 7507 | 0553 1747 |
| N 1 | 0-6 | 29 9 | 0925 | DAY | 22 | 25.0-25.0 | 25.0 | NONE | 34.3-34.4 | 34.3 | 3451 7557 | 0553 1747 |
| N 2 | 0-15 | 29 9 | 0722 | DAY | 25 | 25.0-25.5 | 25.1 | WEAK | 34.6-35.0 | 34.8 | 3456 7555 | 0552 1748 |
| N 3 | 0-15 | 29 9 | 0535 | DAWN | 29 | 25.5-25.6 | 25.5 | WEAK | 35.2-35.4 | 35.3 | 3451 7552 | 0556 1751 |
| N 4 | 0-15 | 29 9 | 1508 | DAY | 45 | 25.4-25.5 | 25.4 | WEAK | 34.6-34.9 | 34.9 | 3442 7548 | 0556 1751 |
| N 4 | 18-33 | 29 9 | 1508 | DAY | 45 | 24.6-25.4 | 25.3 | WEAK | 34.8-34.9 | 34.8 | 3442 7548 | 0556 1751 |
| N 5 | 0-15 | 29 9 | 1716 | DAY | 172 | 26.5-26.6 | 26.6 | GRADUAL | 35.1-35.3 | 35.2 | 3433 7544 | 0556 1751 |
| N 5 | 18-33 | 29 9 | 1716 | DAY | 172 | 24.0-26.2 | 26.4 | GRADUAL | 35.0-35.2 | 35.1 | 3433 7544 | 0556 1751 |
| P 1 | 0-6 | 20 10 | 0734 | DAY | 16 | 21.5-21.9 | 21.9 | NONE | 34.2-34.3 | 34.3 | 3438 7640 | 0616 1727 |
| P 2 | 0-6 | 20 10 | 0831 | DAY | 15 | 21.5-22.1 | 22.0 | NONE | 34.1-34.3 | 34.2 | 3434 7537 | 0615 1726 |
| P 3 | 0-6 | 20 10 | 1000 | DAY | 14 | 22.1-22.1 | 22.1 | NONE | 34.2-34.3 | 34.3 | 3425 7536 | 0615 1726 |
| P 4 | 0-15 | 20 10 | 1133 | DAY | 31 | 23.0-23.0 | 23.0 | NONE | 34.8-34.9 | 34.8 | 3417 7622 | 0615 1726 |
| P 4 | 18-24 | 20 10 | 1133 | DAY | 31 | 27.9-22.9 | 22.9 | NONE | 34.8-34.9 | 34.9 | 3417 7523 | 0615 1726 |
| P 5 | 0-15 | 20 10 | 1338 | DAY | 92 | 25.4-25.4 | 25.4 | GRADUAL | 34.5-35.1 | 35.0 | 3404 7613 | 0614 1726 |
| P 5 | 18-33 | 20 10 | 1338 | DAY | 92 | 24.5-25.4 | 25.3 | GRADUAL | 34.9-35.0 | 34.9 | 3404 7613 | 0614 1726 |

TABLE 2. (continued)

| CRUISE STA. | TOW DEPTH (M) | DATE 1966 D M | TOW START HST | LIGHT COND. | WATER DEPTH (M) | ***** RANGE | TEMPERATURE (C) MEAN SURF. | ***** BOT. | THERMOCLINE DEGREE DEPTH (M) | **** RANGE | SALINITY (0/00) MEAN | **** SURF. | POSITION LAT. LONG. | ** SUN ** RISE SET | | |
|----------------|---------------------|---------------------|---------------------|----------------|-----------------------|----------------|----------------------------------|---------------|---------------------------------------|---------------|----------------------------|---------------|------------------------|-----------------------|-----------|-----------|
| H 1 | 0-6 | 12 11 | 1312 | DAY | 10 | 14.7-14.9 | 14.8 | 14.9 | 14.7 | NONE | - | 32.0-32.2 | 32.1 | 32.0 | 3734 7533 | 0636 1654 |
| H 2 | 0-6 | 12 11 | 1441 | DAY | 20 | 15.1-15.2 | 15.1 | 15.2 | 15.2 | NONE | - | 32.3-32.6 | 32.5 | 32.3 | 3732 7528 | 0638 1654 |
| H 3 | 0-6 | 12 11 | 1041 | DAY | 25 | 15.5-15.5 | 15.9 | 15.9 | 15.3 | NONE | - | 32.6-32.8 | 32.7 | 32.5 | 3730 7522 | 0637 1653 |
| H 4 | 0-15 | 12 11 | 0918 | DAY | 25 | 14.5-15.6 | 15.2 | 15.6 | 14.7 | GRADUAL | - | 32.8-33.4 | 33.1 | 32.8 | 3727 7510 | 0637 1653 |
| H 5 | 0-15 | 12 11 | 0754 | DAY | 42 | 14.4-15.3 | 14.8 | 15.3 | 14.0 | GRADUAL | - | 33.3-33.6 | 33.5 | 33.3 | 3723 7458 | 0636 1652 |
| H 5 | 18-33 | 12 11 | 0754 | DAY | 42 | 14.0-14.3 | 14.2 | 15.3 | 14.0 | GRADUAL | - | 33.8-33.9 | 33.9 | 33.3 | 3723 7458 | 0636 1652 |
| H 6 | 0-15 | 12 11 | 0609 | DAWN | 83 | 14.4-15.6 | 14.7 | 14.5 | 10.0 | STRONG | 56-70 | 33.6-34.9 | 33.9 | 33.8 | 3718 7440 | 0635 1651 |
| H 6 | 18-33 | 12 11 | 0609 | DAWN | 83 | 15.0-16.7 | 16.5 | 14.5 | 10.0 | STRONG | 56-70 | 35.1-35.3 | 35.3 | 33.8 | 3719 7440 | 0635 1651 |
| H 7 | 0-15 | 12 11 | 0503 | NIGHT | 134 | 14.5-15.1 | 14.7 | 14.5 | 11.2 | STRONG | 43-52 | 33.8-34.6 | 34.0 | 33.7 | 3716 7434 | 0634 1650 |
| H 7 | 18-33 | 12 11 | 0503 | NIGHT | 134 | 15.3-16.3 | 15.9 | 14.5 | 11.2 | STRONG | 43-52 | 34.7-35.2 | 35.0 | 33.7 | 3716 7434 | 0634 1650 |
| J 1 | 0-6 | 12 11 | 2327 | NIGHT | 14 | 14.8-15.0 | 14.9 | 14.8 | 15.2 | NONE | - | 28.6-28.7 | 28.7 | 28.6 | 3655 7558 | 0635 1653 |
| J 2 | 0-6 | 13 11 | 0336 | NIGHT | 10 | 15.1-15.3 | 15.2 | 15.1 | 15.2 | NONE | - | 31.7-32.0 | 31.8 | 32.0 | 3655 7552 | 0639 1655 |
| J 3 | 0-6 | 13 11 | 0202 | NIGHT | 16 | 15.0-15.2 | 15.1 | 15.2 | 15.3 | NONE | - | 32.3-32.4 | 32.4 | 32.2 | 3654 7545 | 0635 1655 |
| J 4 | 0-15 | 14 11 | 1348 | DAY | 22 | 14.5-15.0 | 14.9 | 14.9 | 15.0 | NONE | - | 33.2-33.3 | 33.2 | 33.2 | 3653 7533 | 0639 1654 |
| J 5 | 0-15 | 14 11 | 1727 | NIGHT | 26 | 14.6-14.7 | 14.6 | 14.6 | 14.4 | NONE | - | 33.7-33.9 | 33.8 | 33.8 | 3652 7521 | 0638 1653 |
| J 6 | 0-15 | 14 11 | 1935 | NIGHT | 35 | 14.2-14.4 | 14.3 | 14.3 | 14.3 | NONE | - | 34.4-34.5 | 34.4 | 34.3 | 3650 7502 | 0637 1652 |
| J 6 | 18-24 | 14 11 | 1935 | NIGHT | 35 | 14.5-14.6 | 14.5 | 14.3 | 14.3 | NONE | - | 34.4-34.5 | 34.4 | 34.3 | 3650 7502 | 0637 1652 |
| J 7 | 0-15 | 14 11 | 2329 | NIGHT | 81 | 13.8-13.9 | 13.8 | 13.8 | 11.9 | WEAK | 37-49 | 34.2-34.5 | 34.4 | 34.5 | 3648 7444 | 0636 1651 |
| J 7 | 18-33 | 14 11 | 2329 | NIGHT | 81 | 14.0-15.0 | 14.3 | 13.8 | 11.9 | WEAK | 37-49 | 34.2-35.2 | 34.5 | 34.5 | 3648 7444 | 0636 1651 |
| K 1 | 0-6 | 13 11 | 0842 | DAY | 15 | 14.5-14.5 | 14.5 | 14.5 | 14.6 | NONE | - | 33.2-33.3 | 33.2 | 33.1 | 3623 7548 | 0645 1653 |
| K 2 | 0-15 | 18 11 | 0922 | DAY | 20 | 14.1-14.7 | 14.4 | 14.2 | 14.7 | NONE | - | 32.3-33.8 | 33.2 | 32.3 | 3623 7542 | 0643 1653 |
| K 3 | 0-15 | 18 11 | 1022 | DAY | 24 | 14.7-14.7 | 14.7 | 14.7 | 14.9 | NONE | - | 33.6-34.0 | 33.8 | 33.7 | 3622 7536 | 0642 1652 |
| K 4 | 0-15 | 18 11 | 0325 | NIGHT | 33 | 14.5-14.7 | 14.6 | 14.7 | 14.5 | NONE | - | 34.0-34.2 | 34.1 | 34.1 | 3622 7523 | 0642 1652 |
| K 4 | 18-24 | 18 11 | 0325 | NIGHT | 33 | 14.4-14.6 | 14.5 | 14.7 | 14.5 | NONE | - | 34.1-34.1 | 34.1 | 34.1 | 3622 7522 | 0642 1652 |
| K 5 | 0-15 | 18 11 | 0155 | NIGHT | 37 | 14.5-14.8 | 14.7 | 14.8 | 13.9 | NONE | - | 34.2-34.4 | 34.3 | 34.3 | 3622 7511 | 0641 1651 |
| K 5 | 18-24 | 18 11 | 0155 | NIGHT | 37 | 14.4-14.5 | 14.4 | 14.8 | 13.9 | NONE | - | 34.2-34.2 | 34.2 | 34.3 | 3622 7511 | 0641 1651 |
| K 6 | 0-15 | 17 11 | 2236 | NIGHT | 47 | 13.5-14.2 | 14.0 | 14.2 | 14.0 | NONE | - | 34.6-34.9 | 34.9 | 34.6 | 3621 7458 | 0635 1650 |
| K 6 | 18-33 | 17 11 | 2236 | NIGHT | 47 | 13.9-14.1 | 14.0 | 14.2 | 14.0 | NONE | - | 34.6-34.9 | 34.8 | 34.6 | 3621 7458 | 0639 1650 |
| K 7 | 0-15 | 17 11 | 2127 | NIGHT | 397 | 13.8-14.1 | 14.0 | 14.1 | 11.6 | - | - | 34.7-34.6 | 34.8 | 34.7 | 3621 7446 | 0638 1649 |
| K 7 | 18-33 | 17 11 | 2127 | NIGHT | 397 | 13.8-13.7 | 13.7 | 14.1 | 11.6 | - | - | 34.8-35.0 | 34.9 | 34.7 | 3621 7446 | 0638 1649 |
| L 1 | 0-6 | 17 11 | 0828 | DAY | 21 | 14.2-14.4 | 14.3 | 14.2 | 15.1 | NONE | - | 31.0-31.6 | 31.2 | 30.9 | 3546 7530 | 0640 1654 |
| L 2 | 0-6 | 17 11 | 0754 | DAY | 21 | 15.0-15.2 | 15.1 | 15.2 | 15.0 | NONE | - | 33.3-33.5 | 33.4 | 33.2 | 3546 7524 | 0640 1654 |
| L 3 | 0-15 | 17 11 | 0707 | DAY | 32 | 14.9-15.1 | 15.0 | 15.1 | 15.0 | NONE | - | 33.6-33.8 | 33.7 | 33.7 | 3546 7517 | 0639 1653 |
| L 3 | 18-24 | 17 11 | 0707 | DAY | 32 | 14.8-15.0 | 14.9 | 15.1 | 15.0 | NONE | - | 33.3-33.8 | 33.5 | 33.7 | 3546 7517 | 0639 1653 |
| L 4 | 0-15 | 17 11 | 1357 | DAY | 41 | 14.9-15.3 | 15.1 | 15.3 | 14.6 | NONE | - | 34.2-34.6 | 34.4 | 34.3 | 3545 7505 | 0637 1652 |
| L 4 | 18-33 | 17 11 | 1357 | DAY | 41 | 14.6-14.8 | 14.7 | 15.3 | 14.6 | NONE | - | 34.6-34.7 | 34.6 | 34.3 | 3545 7505 | 0637 1652 |
| L 5 | 0-15 | 17 11 | 1545 | DAY | 355 | 14.9-15.1 | 14.9 | 15.0 | 11.7 | GRADUAL | - | 34.5-35.3 | 34.8 | 34.7 | 3545 7452 | 0636 1651 |
| L 5 | 18-33 | 17 11 | 1545 | DAY | 355 | 15.3-15.5 | 15.5 | 15.0 | 11.7 | GRADUAL | - | 35.4-35.6 | 35.5 | 34.7 | 3545 7452 | 0636 1651 |
| M 1 | 0-6 | 16 11 | 1530 | DAY | 26 | 14.8-14.9 | 14.8 | 14.9 | 14.7 | NONE | - | 33.4-33.5 | 33.5 | 33.4 | 3518 7525 | 0638 1655 |
| M 2 | 0-6 | 16 11 | 1440 | DAY | 20 | 14.5-15.1 | 15.0 | 15.1 | 15.0 | NONE | - | 33.7-33.8 | 33.7 | 32.6 | 3516 7523 | 0638 1656 |
| M 3 | 0-15 | 17 11 | 0030 | NIGHT | 30 | 15.9-16.2 | 16.0 | 16.0 | 16.1 | NONE | - | 34.0-34.3 | 34.2 | 34.1 | 3514 7518 | 0637 1654 |
| M 4 | 0-6 | 16 11 | 2339 | NIGHT | 41 | 17.5-17.6 | 17.5 | 17.6 | 17.9 | NONE | - | 35.0-35.1 | 35.1 | 34.5 | 3512 7512 | 0636 1655 |
| M 5 | 0-15 | 15 11 | 2248 | NIGHT | 138 | 18.8-18.8 | 18.8 | 18.8 | 19.2 | NONE | - | 35.5-35.7 | 35.6 | 35.5 | 3510 7507 | 0635 1654 |
| M 5 | 18-33 | 16 11 | 2248 | NIGHT | 138 | 18.9-19.1 | 19.0 | 18.8 | 19.2 | NONE | - | 35.6-35.8 | 35.7 | 35.5 | 3510 7507 | 0635 1654 |
| N 1 | 0-6 | 16 11 | 1034 | DAY | 25 | 16.4-16.4 | 16.4 | 16.4 | 16.4 | NONE | - | 34.0-34.0 | 34.0 | 34.0 | 3501 7557 | 0635 1654 |
| N 2 | 0-15 | 16 11 | 0937 | DAY | 26 | 18.6-18.8 | 18.7 | 18.8 | 18.9 | NONE | - | 35.5-35.6 | 35.6 | 35.5 | 3456 7555 | 0635 1654 |
| N 3 | 0-15 | 16 11 | 0833 | DAY | 30 | 19.3-19.5 | 19.4 | 19.3 | 19.4 | NONE | - | 35.6-35.8 | 35.8 | 35.6 | 3451 7552 | 0638 1658 |
| N 3 | 18-24 | 16 11 | 0833 | DAY | 30 | 19.4-19.5 | 19.4 | 19.3 | 19.4 | NONE | - | 35.8-35.9 | 35.9 | 35.6 | 3451 7552 | 0638 1658 |
| N 4 | 0-15 | 16 11 | 0706 | DAY | 48 | 22.8-23.2 | 23.0 | 22.9 | 23.2 | NONE | - | 36.9-37.0 | 37.0 | 37.0 | 3442 7546 | 0637 1658 |
| N 4 | 18-33 | 16 11 | 0706 | DAY | 48 | 23.0-23.3 | 23.2 | 22.9 | 23.2 | NONE | - | 36.8-37.0 | 36.9 | 37.0 | 3442 7546 | 0637 1658 |
| N 5 | 0-15 | 16 11 | 0318 | NIGHT | 261 | 24.1-24.2 | 24.1 | 24.2 | 13.4 | GRADUAL | - | 37.4-37.6 | 37.5 | 37.5 | 3433 7544 | 0637 1658 |
| N 5 | 18-33 | 16 11 | 0318 | NIGHT | 261 | 23.8-24.1 | 24.0 | 24.2 | 13.4 | GRADUAL | - | 37.2-37.5 | 37.3 | 37.5 | 3433 7544 | 0637 1658 |
| P 1 | 0-6 | 15 11 | 1957 | NIGHT | 16 | 16.0-16.1 | 16.1 | 16.0 | 16.3 | NONE | - | 34.7-34.9 | 34.8 | 34.8 | 3438 7640 | 0640 1703 |
| P 2 | 0-6 | 15 11 | 1906 | NIGHT | 17 | 16.7-17.0 | 16.8 | 17.0 | 17.1 | NONE | - | 34.6-34.9 | 34.7 | 34.8 | 3434 7637 | 0639 1702 |
| P 3 | 0-6 | 15 11 | 1753 | NIGHT | 15 | 17.7-17.7 | 17.7 | 17.7 | 17.9 | NONE | - | 34.7-34.8 | 34.7 | 34.7 | 3425 7636 | 0639 1702 |
| P 4 | 0-15 | 15 11 | 1617 | DAY | 32 | 20.8-21.4 | 21.1 | 20.8 | 21.4 | NONE | - | 36.2-36.3 | 36.2 | 36.2 | 3417 7623 | 0635 1703 |
| P 4 | 18-24 | 15 11 | 1617 | DAY | 32 | 21.4-21.5 | 21.4 | 20.8 | 21.4 | NONE | - | 36.0-36.1 | 36.0 | 36.2 | 3417 7623 | 0635 1703 |
| P 5 | 0-15 | 15 11 | 1428 | DAY | 115 | 23.0-23.1 | 23.1 | 23.0 | 22.2 | NONE | - | 36.8-37.0 | 36.9 | 36.9 | 3404 7613 | 0637 1702 |
| P 5 | 18-33 | 15 11 | 1428 | DAY | 115 | 23.1-23.1 | 23.1 | 23.0 | 22.2 | NONE | - | 36.8-38.0 | 37.2 | 36.9 | 3404 7613 | 0637 1702 |

Table 3. Eggs and larvae of fishes identified from R. V. Dolphin ichthyoplankton survey, listed by station.

| CRUISE DATE DEC 4 1965 STA. 0 M SPECIES ANALYZED | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | NO. PER 10M ² LARVAE | 2 EGGS |
|--|-----------------------|----------------------------|-------|------|-----|-----------------------|----------------------------|-------|------|------|------------------------------------|-----------|
| | NUMBER TOTAL MEAS. | LENGTHS (MM) MEAN RANGE | MEAS. | EGGS | NO. | NUMBER TOTAL MEAS. | LENGTHS (MM) MEAN RANGE | MEAS. | EGGS | NO. | | |
| C 1 C3 12 | | SAMPLING DEPTH 0-6M | | | | | | | | | | |
| MERLUCCIIUS BILINEARIS | 1 | | | 0 | | | | | | 0.1 | 0.0 | |
| PARALICHTHYS DENTATUS | 1 | 1 5.2 | SL | 0 | | | | | | 0.1 | 0.0 | |
| SCOPHTHALMUS AQUOSUS | 5 | 2 4.2 4.1-4.2 | SL | | | | | | | 0.6 | | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | |
| C 2 C3 12 | | SAMPLING DEPTH 0-15M | | | | | | | | | | |
| BREVOORTIA TYRANNUS | 1 | 1 18.7 | TL | | | | | | | 0.3 | | |
| ENCHEL YOPUS CIMBRIUS | 1 | 1 5.0 | SL | 0 | | | | | | 0.3 | 0.0 | |
| UROPHYCIS SP. | 1 | 1 4.3 | NL | | | | | | | 0.3 | | |
| PARALICHTHYS DENTATUS | 2 | 2 7.7 6.4-9.1 | SL | 0 | | | | | | 0.6 | 0.0 | |
| SCOPHTHALMUS AQUOSUS | 8 | 8 6.5 4.9-9.7 | SL | | | | | | | 2.4 | | |
| C 3 C4 12 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | |
| CLUPEA HARENGUS HARENGUS | | | | 0 | | 1 | 1 17.9 | TL | | 0.3 | | |
| ENCHEL YOPUS CIMBRIUS | 2 | 2 8.0 6.3-9.6 | SL | 147 | | | | | 57 | 0.7 | 0.0 | |
| GADUS MORHUA | | | | 0 | | | | | | 0.0 | 63.1 | |
| MERLUCCIIUS BILINEARIS | | | | 0 | | 1 | 1 6.0 | NL | 0 | 0.3 | 0.0 | |
| PARALICHTHYS DENTATUS | 2 | 2 10.8 10.1-11.5 | SL | 0 | | 2 | 2 8.6 8.2-9.1 | SL | 0 | 1.3 | 0.0 | |
| SCOPHTHALMUS AQUOSUS | 2 | 2 6.5 6.4-6.6 | SL | | | 27 | 18 6.9 3.6-32.1 | SL | | 9.6 | | |
| C 4 C4 12 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | |
| ENCHEL YOPUS CIMBRIUS | 1 | 1 3.7 | SL | 0 | | | | | 0 | 0.3 | 0.0 | |
| GADUS MORHUA | 10 | 8 5.3 3.5-6.5 | SL | 16 | | 2 | 2 4.5 4.3-4.6 | SL | 38 | 3.7 | 17.5 | |
| UROPHYCIS SP. | | | | | | 9 | 9 6.2 2.8-11.1 | NL | | 3.0 | | |
| MERLUCCIIUS BILINEARIS | 2 | 2 4.6 4.2-5.0 | NL | 0 | | 17 | 17 8.5 3.2-53.0 | NL | 0 | 6.3 | 0.0 | |
| ETROPUS MICROSTOMUS | | | | | | 1 | 1 5.9 | SL | | 0.3 | | |
| PARALICHTHYS DENTATUS | 4 | 4 7.2 6.4-8.0 | SL | 0 | | 13 | 13 7.2 4.9-9.4 | SL | 0 | 5.5 | 0.0 | |
| SCOPHTHALMUS AQUOSUS | 8 | 6 5.2 4.5-6.5 | SL | | | 16 | 16 5.2 3.7-6.2 | SL | | 7.7 | | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | |
| C 5 C4 12 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | |
| UROPHYCIS SP. | 1 | 1 2.2 | NL | | | 4 | 4 4.6 3.9-5.1 | NL | | 1.6 | | |
| MERLUCCIIUS BILINEARIS | 13 | 11 6.1 4.3-7.8 | NL | 0 | | 20 | 15 6.3 3.7-38.5 | NL | 0 | 10.6 | 0.0 | |
| PARALICHTHYS DENTATUS | 1 | 1 8.8 | SL | 0 | | 2 | 2 9.5 8.9-10.2 | SL | 0 | 1.0 | 0.0 | |
| C 6 C4 12 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | |
| UROPHYCIS SP. | 4 | 4 5.6 4.5-7.2 | NL | | | | | | | 1.3 | | |
| MERLUCCIIUS BILINEARIS | 6 | 6 8.3 7.0-8.9 | NL | 0 | | 27 | 27 7.4 4.4-5.6 | NL | 0 | 10.8 | 0.0 | |
| PARALICHTHYS DENTATUS | 2 | 2 7.7 7.3-8.2 | SL | 0 | | 2 | 2 8.6 7.9-9.3 | SL | 0 | 1.3 | 0.0 | |
| SCOPHTHALMUS AQUOSUS | | | | | | 1 | 1 4.3 | SL | | 0.3 | | |
| C 7 C4 12 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | |
| UROPHYCIS SP. | 5 | 4 6.6 5.7-7.2 | NL | | | 2 | 2 5.9 5.5-6.3 | NL | | 2.2 | | |
| MERLUCCIIUS BILINEARIS | | | | 0 | | 26 | 25 7.7 4.6-9.9 | NL | 0 | 8.7 | 0.0 | |
| PARALICHTHYS DENTATUS | 1 | 1 7.5 | SL | 0 | | 2 | 2 6.7 5.5-7.8 | SL | | 0.7 | | |
| SCOPHTHALMUS AQUOSUS | | | | | | 2 | 2 8.2 7.8-8.6 | SL | 0 | 1.0 | 0.0 | |
| C 8 C4 12 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | |
| UROPHYCIS SP. | 1 | 1 6.9 | NL | | | | | | | 0.3 | | |
| C 1 C5 12 | | SAMPLING DEPTH 0-6M | | | | | | | | | | |
| BREVOORTIA TYRANNUS | 6 | 6 18.7 15.4-23.8 | TL | | | | | | | 0.7 | | |
| PARALICHTHYS DENTATUS | 2 | 2 8.8 8.3-9.4 | SL | 0 | | | | | | 0.2 | 0.0 | |
| SCOPHTHALMUS AQUOSUS | 39 | 38 4.4 2.7-8.6 | SL | | | | | | | 4.7 | | |
| ADDITIONAL LARVAE CAUGHT GOBIIDAE | | | | | | | | | | | | |
| D 2 C5 12 | | SAMPLING DEPTH 0-9M | | | | | | | | | | |
| BREVOORTIA TYRANNUS | 1 | 1 20.2 | TL | | | | | | | 0.2 | | |
| PARALICHTHYS DENTATUS | 1 | 1 8.7 | SL | 0 | | | | | | 0.2 | 0.0 | |
| SCOPHTHALMUS AQUOSUS | 68 | 68 4.9 3.3-6.7 | SL | | | | | | | 12.4 | | |
| D 3 C5 12 | | SAMPLING DEPTH 0-15M | | | | | | | | | | |
| GADUS MORHUA | 16 | 14 4.6 3.4-6.8 | SL | 92 | | | | | | 4.8 | 27.5 | |
| UROPHYCIS SP. | 4 | 3 6.3 3.9-10.9 | NL | | | | | | | 1.2 | | |
| MERLUCCIIUS BILINEARIS | 1 | 1 4.2 | NL | 0 | | | | | | 0.3 | 0.0 | |
| PARALICHTHYS DENTATUS | 14 | 14 6.0 3.8-11.2 | SL | 0 | | | | | | 4.2 | 0.0 | |
| SCOPHTHALMUS AQUOSUS | 171 | 50 4.2 3.1-5.3 | SL | | | | | | | 51.8 | | |

TABLE 3. (continued)

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| CRUISE DATE | | ***** LARVAE ***** | | | | ***** LARVAE ***** | | | | 2 | |
|---------------------------|--|-----------------------------------|----|------|--------------|-----------------------------------|-----|----|-------------------|-------------|-----------|
| D65 4 1965 | | NUMEER LENGTHS (MM) NO. | | | | NUMBER LENGTHS (MM) NO. | | | | NO. PER 10M | |
| STA. D M SPECIES ANALYZED | | TOTAL MEAS. MEAN RANGE MEAS. EGGS | | | | TOTAL MEAS. MEAN RANGE MEAS. EGGS | | | | LARVAE | |
| D 4 C5 12 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-24M | | | | | |
| BREVORTIA TYRANNUS | | | | | | | | | | 0.2 | |
| CLUPEA HARENGUS HARENGUS | | 1 | 1 | 27.7 | TL | | | | | 0.3 | |
| ENGRAULIS EURYSTOLE | | 1 | 1 | 37.3 | TL | | | | | 0.3 | |
| GADUS MORHUA | | 3 | 3 | 5.5 | 4.9- 6.5 SL | 0 | 13 | 13 | 4.4 3.2- 5.3 SL | 50 | 8.1 |
| UPHRYCHIS SP. | | 7 | 5 | 4.7 | 2.2- 7.3 NL | 0 | 6 | 5 | 3.7 3.1- 4.4 NL | 0 | 0.0 |
| MERLUCCIIUS BILINEARIS | | 1 | | | | | | | | 0.3 | |
| CITHARICHTHYS ARCTIFRONS | | | | | | | 1 | 1 | 5.8 | SL | 0.2 |
| PARALICHTHYS DENTATUS | | 37 | 36 | 6.6 | 4.5- 9.6 SL | 0 | 19 | 19 | 5.7 3.4- 8.9 SL | 0 | 0.0 |
| SCOPHTHALMUS AQUOSUS | | 191 | 50 | 4.8 | 3.0- 6.1 SL | | 203 | 50 | 4.5 3.0- 7.8 SL | | 51.5 |
| | | | | | | | | | | | |
| D 5 C5 12 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| GADUS MORHUA | | 5 | 4 | 4.4 | 3.5- 5.8 SL | 55 | 19 | 17 | 4.2 3.3- 5.3 SL | 77 | 7.8 42.2 |
| UPHRYCHIS SP. | | 6 | 6 | 4.3 | 3.9- 5.1 NL | | 9 | 5 | 4.6 2.8- 6.0 NL | | 4.8 |
| MERLUCCIIUS BILINEARIS | | 3 | 3 | 4.4 | 3.7- 5.1 NL | 0 | | | | 0 | 1.0 0.0 |
| PARALICHTHYS DENTATUS | | 38 | 38 | 6.3 | 3.8- 8.4 SL | 0 | 53 | 51 | 5.5 3.9- 7.4 SL | 0 | 29.1 0.0 |
| SCOPHTHALMUS AQUOSUS | | 155 | 50 | 4.7 | 2.9- 7.7 SL | | 218 | 50 | 4.1 2.7- 6.9 SL | | 119.2 |
| ADDITIONAL LARVAE CAUGHT | | | | | | UNIDENTIFIED | | | | | |
| | | | | | | | | | | | |
| D 6 C5 12 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| GADUS MORHUA | | 2 | 2 | 5.5 | 5.2- 5.8 SL | 0 | 9 | 8 | 5.2 4.4- 6.8 SL | 0 | 3.6 0.0 |
| UPHRYCHIS SP. | | 2 | 2 | 3.7 | 3.6- 3.9 NL | | 4 | 4 | 5.4 3.9- 6.9 NL | | 1.9 |
| MERLUCCIIUS BILINEARIS | | 10 | 8 | 3.7 | 3.1- 5.0 NL | 0 | 28 | 27 | 3.9 2.4- 5.1 NL | 0 | 12.3 0.0 |
| CITHARICHTHYS ARCTIFRONS | | 2 | 2 | 4.6 | 3.1- 6.1 SL | | | | | | 0.7 |
| PARALICHTHYS DENTATUS | | 40 | 40 | 6.4 | 3.1- 8.0 SL | 0 | 25 | 25 | 5.9 3.8- 7.7 SL | 0 | 20.3 0.0 |
| SCOPHTHALMUS AQUOSUS | | 56 | 53 | 4.1 | 2.8- 5.7 SL | | 139 | 50 | 4.1 2.9- 5.7 SL | | 63.1 |
| ADDITIONAL LARVAE CAUGHT | | | | | | UNIDENTIFIED | | | | | |
| | | | | | | | | | | | |
| D 7 C6 12 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| UPHRYCHIS SP. | | 1 | 1 | 6.1 | NL | | | | | | 0.3 |
| MERLUCCIIUS BILINEARIS | | 3 | 3 | 24.5 | 10.6-23.2 NL | 0 | 2 | 2 | 36.5 20.5-52.5 NL | 0 | 1.6 0.0 |
| CITHARICHTHYS ARCTIFRONS | | 1 | 1 | 8.1 | SL | | 2 | 2 | 7.4 6.4- 8.3 SL | | 1.0 |
| PARALICHTHYS DENTATUS | | 3 | 3 | 7.0 | 6.4- 8.3 SL | 0 | | | | | 1.0 0.0 |
| SCOPHTHALMUS AQUOSUS | | 3 | 2 | 4.9 | 4.5- 5.3 SL | | 7 | 5 | 4.3 4.0- 4.7 SL | | 3.2 |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | |
| | | | | | | | | | | | |
| D 8 C6 12 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| ENGRAULIS EURYSTOLE | | 1 | 1 | 20.6 | TL | | | | | | 0.3 |
| DIAPHYS SP. | | 1 | 1 | 9.5 | SL | | 1 | 1 | 9.3 | SL | 0.6 |
| UPHRYCHIS SP. | | | | | | | 3 | 3 | 10.5 7.5-15.9 NL | | 1.0 |
| MERLUCCIIUS BILINEARIS | | 2 | 2 | 11.1 | 9.2-13.1 NL | 0 | 1 | 1 | 14.5 | NL | 0.9 0.0 |
| ACTHUS OCCELLATUS | | | | | | | 5 | 5 | 8.8 7.9-10.6 SL | | 1.7 |
| CITHARICHTHYS ARCTIFRONS | | 3 | 3 | 8.6 | 7.1- 9.8 SL | | 4 | 4 | 7.6 6.8- 8.6 SL | | 2.2 |
| ADDITIONAL LARVAE CAUGHT | | | | | | CALLICNYMIDAE UNIDENTIFIED | | | | | |
| | | | | | | | | | | | |
| F 1 C7 12 | | SAMPLING DEPTH 0- 6M | | | | | | | | | |
| GADUS MORHUA | | 1 | 1 | 3.9 | SL | 0 | | | | | 0.1 0.0 |
| SCOPHTHALMUS AQUOSUS | | 29 | 23 | 5.1 | 2.9-14.1 SL | | | | | | 3.5 |
| | | | | | | | | | | | |
| E 2 C7 12 | | SAMPLING DEPTH 0- 6M | | | | | | | | | |
| CLUPEA HARENGUS HARENGUS | | 1 | 1 | 13.7 | TL | | | | | | 0.1 |
| GADUS MORHUA | | 1 | 1 | 3.5 | SL | 0 | | | | | 0.1 0.0 |
| PARALICHTHYS DENTATUS | | 3 | 3 | 7.3 | 5.9- 8.2 SL | 0 | | | | | 0.4 0.0 |
| SCOPHTHALMUS AQUOSUS | | 119 | 50 | 4.2 | 3.1- 6.1 SL | | | | | | 14.4 |
| ADDITIONAL LARVAE CAUGHT | | GOBIIDAE UNIDENTIFIED | | | | | | | | | |
| | | | | | | | | | | | |
| F 3 C7 12 | | SAMPLING DEPTH 0- 6M | | | | | | | | | |
| GADUS MORHUA | | | | | | 4 | | | | | 0.0 0.5 |
| PARALICHTHYS DENTATUS | | 1 | 1 | 5.5 | SL | 0 | | | | | 0.1 0.0 |
| SCOPHTHALMUS AQUOSUS | | 30 | 15 | 4.6 | 3.5- 6.2 SL | | | | | | 3.6 |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | |
| | | | | | | | | | | | |
| F 4 C6 12 | | SAMPLING DEPTH 0-15M | | | | | | | | | |
| GADUS MORHUA | | 6 | 6 | 5.7 | 3.7- 7.0 SL | 22 | | | | | 1.8 6.7 |
| UPHRYCHIS SP. | | 7 | 4 | 4.6 | 3.9- 5.6 NL | | | | | | 2.1 |
| MERLUCCIIUS BILINEARIS | | 2 | 2 | 6.2 | 5.3- 7.1 NL | 0 | | | | | 0.6 0.0 |
| PARALICHTHYS DENTATUS | | 38 | 38 | 5.8 | 3.4- 8.6 SL | 0 | | | | | 11.5 0.0 |
| SCOPHTHALMUS AQUOSUS | | 474 | 50 | 4.4 | 3.0- 5.8 SL | | | | | | 143.6 |
| ADDITIONAL LARVAE CAUGHT | | GOBIIDAE | | | | | | | | | |
| | | | | | | | | | | | |
| C 5 C6 12 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 1E-33M | | | | | |
| UPHRYCHIS SP. | | 1 | 1 | 4.4 | NL | | | | | | 0.3 |
| MERLUCCIIUS BILINEARIS | | | | | | 0 | 1 | 1 | 3.0 | NL | 0 0.3 0.0 |
| PARALICHTHYS DENTATUS | | 10 | 10 | 5.3 | 3.2- 6.7 SL | 0 | 15 | 15 | 5.6 4.0- 7.6 SL | 0 | 8.0 0.0 |
| SCOPHTHALMUS AQUOSUS | | 38 | 31 | 3.6 | 2.7- 4.8 SL | | | | | | 12.7 |
| ADDITIONAL LARVAE CAUGHT | | GOBIIDAE | | | | UNIDENTIFIED | | | | | |

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[illegible]

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| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | NO. PER 10M ² | |
|-------------|-------|--|----------------|-------------|-------------------|----------|--------------------|-------------|-------------------|----------|--------|--------------------------|--|
| STA. | D M | SPECIES ANALYZED | NUMBER | TOTAL MEAS. | MEAN LENGTHS (MM) | NO. EGGS | NUMBER | TOTAL MEAS. | MEAN LENGTHS (MM) | NO. EGGS | LARVAE | EGGS | |
| C 3 | 10 12 | | SAMPLING DEPTH | C- 6M | | | | | | | | | |
| | | REPCORTIA TYRANNUS | 6 | 6 | 11.8 10.6-13.7 TL | | | | | | 0.7 | | |
| | | GADUS MORHUA | | | | 1 | | | | | 0.0 | 0.1 | |
| | | PARALICHTHYS DENTATUS | 7 | 7 | 6.3 3.7- 7.5 SL | 0 | | | | | 0.8 | 0.0 | |
| | | SCOPHTHALMUS AQUOSUS | 19 | 19 | 4.3 3.2- 6.8 SL | | | | | | 2.3 | | |
| | | | | | | | | | | | | | |
| C 4 | 10 12 | | SAMPLING DEPTH | 0-15M | | | | | | | | | |
| | | REPCORTIA TYRANNUS | 2 | 2 | 12.3 10.2-14.4 TL | | | | | | 0.6 | | |
| | | GADUS MORHUA | 1 | 1 | 5.6 SL | 3 | | | | | 0.3 | 0.9 | |
| | | UROPHYCIS SP. | 3 | 3 | 10.6 5.8-14.8 NL | | | | | | 0.9 | | |
| | | PARALICHTHYS DENTATUS | 6 | 6 | 5.5 4.7- 7.5 SL | 0 | | | | | 1.8 | 0.0 | |
| | | SCOPHTHALMUS AQUOSUS | 27 | 27 | 5.0 2.9- 6.4 SL | | | | | | 8.2 | | |
| | | ADDITIONAL LARVAE CAUGHT GOBIIIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| C 5 | 10 12 | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | |
| | | GADUS MORHUA | 8 | 7 | 5.1 4.1- 7.5 SL | 0 | | | | 0 | 2.7 | 0.0 | |
| | | UROPHYCIS SP. | 1 | 1 | 4.3 NL | | | | | | 0.3 | | |
| | | PARALICHTHYS DENTATUS | 2 | 1 | 5.2 SL | 0 | | | | 0 | 0.7 | 0.0 | |
| | | SCOPHTHALMUS AQUOSUS | 7 | 7 | 5.6 4.2- 6.4 SL | | 4 | 4 | 4.7 4.2- 5.2 SL | | 3.4 | | |
| | | | | | | | | | | | | | |
| C 6 | 10 12 | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | |
| | | GADUS MORHUA | 3 | 3 | 6.0 5.2- 7.2 SL | 0 | | | | 0 | 1.0 | 0.0 | |
| | | UROPHYCIS SP. | 2 | 2 | 3.8 3.5- 4.2 NL | | | | | | 0.7 | | |
| | | MEPLUCCUS BILINEARIS | 1 | 1 | 4.3 NL | 0 | 1 | 1 | 6.8 NL | 0 | 0.6 | 0.0 | |
| | | CITHARICHTHYS ARCTIFRONS | 3 | 3 | 6.7 6.3- 7.2 SL | | | | | | 1.0 | | |
| | | PARALICHTHYS DENTATUS | 8 | 8 | 6.6 4.4- 8.0 SL | 0 | | | | 0 | 2.7 | 0.0 | |
| | | SCOPHTHALMUS AQUOSUS | 3 | 3 | 4.5 4.1- 5.0 SL | | | | | | 1.0 | | |
| | | | | | | | | | | | | | |
| H 1 | 11 12 | | SAMPLING DEPTH | 0- 6M | | | | | | | | | |
| | | ANCHOA MITCHELLI | 1 | 1 | 29.0 TL | | | | | | 0.1 | | |
| | | ENGRaulis FURYSTOE | 1 | 1 | 36.7 TL | | | | | | 0.1 | | |
| | | MICROPOGON UNULATUS | 2 | 2 | 7.3 6.9- 7.7 SL | | | | | | 0.2 | | |
| | | SCOPHTHALMUS AQUOSUS | 3 | 3 | 3.6 3.2- 4.2 SL | | | | | | 0.4 | | |
| | | | | | | | | | | | | | |
| F 2 | 11 12 | | SAMPLING DEPTH | C- 6M | | | | | | | | | |
| | | PARALICHTHYS DENTATUS | 3 | 3 | 4.6 3.2- 5.5 SL | 0 | | | | | 0.4 | 0.0 | |
| | | SCOPHTHALMUS AQUOSUS | 19 | 18 | 3.4 2.5- 4.4 SL | | | | | | 2.3 | | |
| | | | | | | | | | | | | | |
| F 3 | 11 12 | | SAMPLING DEPTH | C- 6M | | | | | | | | | |
| | | REPCORTIA TYRANNUS | 2 | 2 | 12.1 10.2-14.0 TL | | | | | | 0.2 | | |
| | | GADUS MORHUA | | | | 4 | | | | | 0.0 | 0.5 | |
| | | UROPHYCIS SP. | 1 | 1 | 4.8 NL | | | | | | 0.1 | | |
| | | PARALICHTHYS DENTATUS | 17 | 16 | 6.4 5.1- 7.7 SL | 0 | | | | | 2.1 | 0.0 | |
| | | SCOPHTHALMUS AQUOSUS | 8 | 8 | 3.6 2.5- 4.6 SL | | | | | | 1.0 | | |
| | | | | | | | | | | | | | |
| H 4 | 11 12 | | SAMPLING DEPTH | 0-15M | | | | | | | | | |
| | | REPCORTIA TYRANNUS | 2 | 2 | 11.8 10.9-12.8 TL | | | | | | 0.6 | | |
| | | UROPHYCIS SP. | 1 | 1 | 4.2 NL | | | | | | 0.3 | | |
| | | PARALICHTHYS DENTATUS | 4 | 4 | 7.3 6.6- 8.3 SL | 0 | | | | | 1.2 | 0.0 | |
| | | SCOPHTHALMUS AQUOSUS | 1 | 1 | 4.7 SL | | | | | | 0.3 | | |
| | | | | | | | | | | | | | |
| F 5 | 11 12 | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-24M | | | | | |
| | | UROPHYCIS SP. | 1 | 1 | 4.7 NL | | | | | | 0.3 | | |
| | | PARALICHTHYS DENTATUS | 10 | 10 | 6.3 4.8- 8.3 SL | 0 | 1 | 1 | 7.1 SL | 0 | 3.2 | 0.0 | |
| | | SCOPHTHALMUS AQUOSUS | 5 | 5 | 4.4 3.3- 5.8 SL | | 4 | 4 | 5.2 4.4- 5.7 SL | | 2.2 | | |
| | | | | | | | | | | | | | |
| F 6 | 11 12 | | SAMPLING DEPTH | C-15M | | | SAMPLING DEPTH | 18-33M | | | | | |
| | | SYMBOLOPTERUS VERANYI | | | | | 1 | 1 | 8.9 SL | | 0.3 | | |
| | | MEPLUCCUS BILINEARIS | 3 | 3 | 8.8 4.3-17.7 NL | 0 | 3 | 3 | 5.0 4.5- 5.3 NL | 0 | 1.9 | 0.0 | |
| | | CITHARICHTHYS ARCTIFRONS | 1 | 1 | 7.0 SL | | 3 | 3 | 10.6 8.1-12.0 SL | | 1.3 | | |
| | | PARALICHTHYS DENTATUS | 3 | 3 | 4.8 3.5- 6.2 SL | 0 | | | | 0 | 1.9 | 0.0 | |
| | | SCOPHTHALMUS AQUOSUS | 1 | 1 | 5.0 SL | | | | | | 0.3 | | |
| | | ADDITIONAL LARVAE CAUGHT ANGUILLA ROSTRATA | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| H 7 | 11 12 | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | |
| | | | | | | | | | | | | | |
| J 1 | 12 12 | | SAMPLING DEPTH | C- 3M | | | | | | | | | |
| | | ANCHOA MITCHELLI | 6 | 6 | 49.4 31.4-63.5 TL | | | | | | 0.4 | | |
| | | MICROPOGON UNULATUS | 2 | 2 | 8.3 7.8- 8.8 SL | | | | | | 0.1 | | |
| | | ADDITIONAL LARVAE CAUGHT GOBIIIDAE | | | | | | | | | | | |

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| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | | |
|--------------------------|-------|----------------------|--------------|-------|-----------|------|-----------------------|--------------|-------|-------|------|-------------|--|
| STA. | DATE | NUMBER | LENGTHS (MM) | | NO. | | NUMBER | LENGTHS (MM) | | NO. | | NO. PER 10M | |
| | | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | LARVAE | |
| J 2 | 12 12 | SAMPLING DEPTH 0-3M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| BREVORTIA TYRANNUS | | 1 | 1 | 17.4 | TL | | | | | | | 0.1 | |
| PARALICHTHYS DENTATUS | | 1 | 1 | 8.6 | SL | 0 | | | | | | 0.1 | |
| SCOPHTHALMUS AQUOSUS | | 1 | 1 | 4.0 | SL | | | | | | | 0.1 | |
| ADDITIONAL LARVAE CAUGHT | | SYNGNATHICAE | | | | | | | | | | | |
| | | GOBIIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| J 3 | 12 12 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| BREVORTIA TYRANNUS | | 5 | 5 | 16.5 | 13.7-18.9 | TL | | | | | | 0.6 | |
| SCOPHTHALMUS AQUOSUS | | 1 | 1 | 2.6 | SL | | | | | | | 0.1 | |
| | | | | | | | | | | | | | |
| J 4 | 12 12 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| BREVORTIA TYRANNUS | | 1 | 1 | 10.1 | TL | | | | | | | 0.1 | |
| URDOPHYCIS SP. | | 5 | 5 | 6.5 | 4.5-7.9 | NL | | | | | | 0.6 | |
| PARALICHTHYS DENTATUS | | 12 | 12 | 5.4 | 4.1-7.3 | SL | 0 | | | | | 1.5 | |
| SCOPHTHALMUS AQUOSUS | | 3 | 3 | 4.3 | 3.4-5.2 | SL | | | | | | 0.4 | |
| | | | | | | | | | | | | | |
| J 5 | 12 12 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| BREVORTIA TYRANNUS | | 2 | 2 | 15.7 | 15.6-15.8 | TL | | | | | | 0.6 | |
| MERLUCCIIUS BILINEARIS | | 1 | 1 | 6.8 | NL | 0 | | | | | | 0.3 | |
| PARALICHTHYS DENTATUS | | 1 | 1 | 5.6 | SL | 0 | | | | | | 0.3 | |
| | | | | | | | | | | | | | |
| J 6 | 12 12 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| URDOPHYCIS SP. | | 2 | 2 | 12.3 | 4.7-20.0 | NL | | | | | | 0.3 | |
| MERLUCCIIUS BILINEARIS | | 2 | 2 | 7.3 | 5.8-8.9 | NL | 0 | | | | | 0.3 | |
| | | | | | | | | | | | | | |
| J 7 | 11 12 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | | | | | | | | | | | | |
| K 1 | 12 12 | SAMPLING DEPTH 0-3M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| SCOPHTHALMUS AQUOSUS | | 3 | 3 | 3.0 | 2.7-3.5 | SL | | | | | | 0.2 | |
| ADDITIONAL LARVAE CAUGHT | | SYNGNATHICAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| K 2 | 12 12 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | | | | | | | | | | | | | |
| K 3 | 13 12 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| BREVORTIA TYRANNUS | | 1 | 1 | 15.1 | TL | | | | | | | 0.3 | |
| MICROPOGON UNDULATUS | | 1 | 1 | 4.9 | SL | | | | | | | 0.3 | |
| PARALICHTHYS DENTATUS | | 27 | 27 | 4.5 | 3.4-8.5 | SL | 0 | | | | | 8.2 | |
| SCOPHTHALMUS AQUOSUS | | 8 | 8 | 3.0 | 2.7-3.6 | SL | | | | | | 2.4 | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| K 4 | 13 12 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| BREVORTIA TYRANNUS | | 7 | 7 | 15.3 | 13.7-19.5 | TL | | | | | | 2.7 | |
| URDOPHYCIS SP. | | 20 | 11 | 10.6 | 6.7-20.6 | NL | | | | | | 6.9 | |
| ETROPUS MICROSTOMUS | | 1 | 1 | 10.9 | SL | | | | | | | 0.6 | |
| PARALICHTHYS DENTATUS | | 11 | 11 | 6.5 | 4.8-7.6 | SL | 0 | | | | | 4.0 | |
| SCOPHTHALMUS AQUOSUS | | 1 | 1 | 10.1 | SL | | | | | | | 0.2 | |
| | | | | | | | | | | | | | |
| K 5 | 13 12 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| BREVORTIA TYRANNUS | | 3 | 3 | 14.1 | 13.4-15.1 | TL | | | | | | 1.0 | |
| FAGFAULIS EURYSTHIE | | | | | | | | | | | | 1.0 | |
| SYMPLOPHERUS VERANYI | | 1 | 1 | 9.8 | SL | | | | | | | 0.3 | |
| URDOPHYCIS SP. | | 4 | 4 | 10.2 | 7.0-13.8 | NL | | | | | | 2.4 | |
| MICROPOGON UNDULATUS | | 1 | 1 | 5.5 | SL | | | | | | | 0.5 | |
| PARALICHTHYS DENTATUS | | 1 | 1 | 6.3 | SL | 0 | | | | | | 2.3 | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| K 6 | 13 12 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| LECHTHYS AMERICANUS | | | | | | | | | | | | 0.3 | |
| URDOPHYCIS SP. | | 6 | 6 | 7.3 | 6.1-9.9 | NL | | | | | | 2.0 | |
| MERLUCCIIUS BILINEARIS | | 2 | 2 | 7.4 | 6.0-8.9 | NL | 0 | | | | | 1.3 | |
| PARALICHTHYS DENTATUS | | 6 | 6 | 7.3 | 6.5-8.9 | SL | 0 | | | | | 2.8 | |
| | | | | | | | | | | | | | |
| K 7 | 13 12 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| PARALICHTHYS DENTATUS | | | | | | | | | | | | 0.3 | |
| | | | | | | | | | | | | | |
| L 1 | 13 12 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| EIOCS SAURUS | | 1 | 1 | 32.8 | NL | | | | | | | 0.1 | |
| BREVORTIA TYRANNUS | | 1 | 1 | 15.2 | TL | | | | | | | 0.1 | |
| LEIOSTOMUS XANTHURUS | | 1 | 1 | 11.9 | SL | | | | | | | 0.1 | |
| MICROPOGON UNDULATUS | | 1 | 1 | 5.8 | SL | | | | | | | 0.1 | |
| PARALICHTHYS DENTATUS | | 1 | 1 | 13.1 | SL | 0 | | | | | | 0.1 | |
| SCOPHTHALMUS AQUOSUS | | 6 | 6 | 3.5 | 2.5-4.8 | SL | | | | | | 0.7 | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | | | |

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| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | | |
|---------------------------------|-------|--------------------|----|--------------|----------|------------|--------------------|----|--------------|-----------|------------|-------------|-------|-----|
| NO. 4 1965 | | NUMBER | | LENGTHS (MM) | | NO. | NUMBER | | LENGTHS (MM) | | NO. | 2 | | |
| STA. | TIME | TOTAL MEAS. | | MEAN | RANGE | MEAS. EGGS | TOTAL MEAS. | | MEAN | RANGE | MEAS. EGGS | NO. PER 10M | | |
| SPECIES ANALYZED | | SAMPLING DEPTH | | 0-15M | | | SAMPLING DEPTH | | 10-33M | | | EGGS | | |
| N 5 | 14 12 | | | | | | | | | | | | | |
| OPHICTHUS GOMESI | | | | | | | 2 | 2 | 26.0 | 20.5-31.5 | TL | | 0.7 | |
| OPHICTHUS OCELLATUS | | | | | | | 2 | 2 | 21.5 | 18.5-24.5 | TL | | 0.7 | |
| PREODONTIA TYRANNUS | | 57 | 22 | 7.5 | 3.5-10.3 | TL | 4 | 4 | 5.7 | 7.8-11.5 | TL | | 19.0 | |
| ETHELMUS SADIUM | | 7 | 7 | 11.1 | 8.1-13.8 | TL | 4 | 4 | 11.5 | 10.6-14.0 | TL | | 3.4 | |
| EUGRAULIS EURYSTOIE | | 5 | 5 | 4.3 | 3.7-5.4 | TL | 1 | 1 | 7.7 | | TL | | 1.8 | |
| RHATHOSOMA SUBORBITALE | | | | | | | 2 | 2 | 5.3 | 4.7-5.9 | SL | | 0.7 | |
| CERATOSCOPELUS MAHERENSIS | | 1 | 1 | 8.8 | | SL | | | | | | | 0.3 | |
| CERATOSCOPELUS WAMMINCI | | 3 | 3 | 4.7 | 4.4-5.2 | SL | | | | | | | 1.0 | |
| DIAPHUS SP. | | | | | | | 3 | 3 | 8.4 | 7.2-10.3 | SL | | 1.0 | |
| LAMPANCTUS ALATUS OR PHOTONOTUS | | 7 | 7 | 4.6 | 3.5-6.6 | SL | | | | | | | 2.3 | |
| LAMPANCTUS ATER | | | | | | | 1 | 1 | 5.4 | | SL | | 0.3 | |
| MYCTOPHUM SP. | | 1 | 1 | 7.3 | | SL | | | | | | | 0.3 | |
| MYCTOPHUM AFFINE | | 1 | 1 | 4.6 | | SL | | | | | | | 0.3 | |
| EUCHELYCIS GIMBRIUS | | 3 | 3 | 2.2 | 1.8-2.5 | SL | | | | | | | 1.0 | |
| EUCHELYCIS SP. | | 93 | 23 | 3.1 | 1.7-7.7 | NL | 9 | 9 | 3.8 | 2.7-4.9 | NL | | 31.0 | |
| EUCHELYCIS FLOPIDANUS | | 3 | 2 | 3.5 | 3.0-4.1 | NL | | | | | | | 1.0 | |
| HEMANTHIA VIVANUS | | 2 | 2 | 4.5 | 4.0-5.0 | SL | | | | | | | 0.7 | |
| LEICISTOMUS XANTHINUS | | 431 | 78 | 4.1 | 2.4-7.5 | SL | 83 | 82 | 4.4 | 2.8-6.6 | SL | | 157.0 | |
| MICROPYGON UNDULATUS | | 72 | 70 | 3.7 | 2.4-5.7 | SL | 27 | 27 | 4.0 | 2.5-6.1 | SL | | 30.6 | |
| PERILUS TRIACANTHUS | | 1 | 1 | 3.4 | | SL | 3 | 3 | 4.0 | 3.4-4.7 | SL | | 1.3 | |
| PRIONOTUS CARLINUS | | 6 | 6 | 5.2 | 4.0-6.0 | SL | 3 | 3 | 6.6 | 6.3-6.9 | SL | | 2.8 | |
| RATHUS OCELLATUS | | 62 | 25 | 4.6 | 2.7-7.9 | SL | 7 | 7 | 7.9 | 4.6-17.3 | SL | | 20.9 | |
| ETHELMUS MICROSTOMUS | | 58 | 58 | 4.0 | 2.1-5.7 | SL | 25 | 25 | 3.7 | 2.1-6.6 | SL | | 25.7 | |
| PARALICHTHYS DENTATUS | | 2 | 2 | 3.1 | 3.0-3.2 | SL | 0 | 5 | 5 | 4.2 | 3.4-5.7 | SL | 0 | 2.3 |
| SYCTIUM PAPILLIUM | | 2 | 2 | 6.8 | 6.6-7.0 | SL | | | | | | | 0.7 | |
| SYMPHURUS SP. | | 10 | 10 | 6.3 | 3.9-9.6 | SL | 6 | 6 | 5.0 | 4.7-13.2 | SL | | 5.0 | |
| ADDITONAL LARVAE CAUGHT | | OPHICTHIDAE | | | | | OPHICTHIDAE | | | | | | | |
| | | STOMIATIDAE | | | | | VINCIGUERRIA SP. | | | | | | | |
| | | SYNDOCNTEIDAE | | | | | STOMIATIDAE | | | | | | | |
| | | PARALEPIDIDAE | | | | | SYNDOCNTEIDAE | | | | | | | |
| | | MYCTOPHIDAE | | | | | CHLOROPHTHALMIDAE | | | | | | | |
| | | BREGMACEROTIDAE | | | | | PARALEPIDIDAE | | | | | | | |
| | | OPHIIDAE | | | | | MYCTOPHIDAE | | | | | | | |
| | | CARAPIDAE | | | | | BREGMACEROTIDAE | | | | | | | |
| | | FISTULARIIDAE | | | | | OPHIIDAE | | | | | | | |
| | | SERRANIDAE | | | | | CARAPIDAE | | | | | | | |
| | | CARANGIDAE | | | | | SERRANIDAE | | | | | | | |
| | | SPARIDAE | | | | | SPARIDAE | | | | | | | |
| | | | | | | | | | | | | | | |

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|------------------------------|-------|--|--------------|-------|--------------|-------------|--------------------|-------|------|-------------|------|---|--|
| 1965 4 1965 | | NUMBER | LENGTHS [MM] | | NO. | NUMBER | LENGTHS [MM] | | NO. | NO. PER 10M | 2 | | |
| STA. | D M | TOTAL MEAS. | MEAN | RANGE | EGGS | TOTAL MEAS. | MEAN | RANGE | EGGS | LARVAE | EGGS | | |
| N 2 | 15 12 | SAMPLING DEPTH | 0-15M | | | | | | | | | | |
| BREVORTIA TYRANNUS | | 206 | 41 | 6.2 | 2.9-15.2 TL | | | | | 62.4 | | | |
| ENGRAULIS EURYSTOME | | 5 | 5 | 4.9 | 4.2-5.5 TL | | | | | 1.5 | | | |
| UPORPHYCIS SP. | | 19 | 14 | 6.0 | 2.2-15.7 NL | | | | | 5.8 | | | |
| LEIESTOMUS XANTHURUS | | 83 | 43 | 4.7 | 3.0-9.4 SL | | | | | 25.1 | | | |
| MICROPOGON UNOULATUS | | 66 | 65 | 4.8 | 2.8-10.6 SL | | | | | 20.0 | | | |
| PEPICOTUS CARLINUS | | 6 | 6 | 5.4 | 3.7-7.5 SL | | | | | 1.8 | | | |
| RETHUS OCELLATUS | | 4 | 4 | 8.4 | 4.2-18.5 SL | | | | | 1.2 | | | |
| ETREPIUS MICROSTOMUS | | 3 | 3 | 7.8 | 6.4-10.3 SL | | | | | 0.9 | | | |
| PARALICHTHYS DENTATUS | | 44 | 43 | 4.7 | 3.0-10.0 SL | 1 | | | | 13.3 | 0.3 | | |
| SCOPHTHALMUS AQUOSUS | | 6 | 6 | 3.8 | 2.5-5.2 SL | | | | | 1.8 | | | |
| SYMPHURUS SP. | | 1 | 1 | 12.4 | SL | | | | | 0.3 | | | |
| ADDITIONAL LARVAE CAUGHT | | OPHICHTHICAE SYNDONTICAE BREGMACEROTICAE OPHIDIICAE SERRANICAE SPARIDAE CALLIONYMICAE Gobiidae GEMPYLICAE UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| N 3 | 15 12 | SAMPLING DEPTH | 0-15M | | | | | | | | | | |
| BREVORTIA TYRANNUS | | 10 | 10 | 8.2 | 4.9-11.2 TL | | | | | 3.0 | | | |
| ENGRAULIS EURYSTOME | | 2 | 2 | 17.7 | 15.5-20.0 TL | | | | | 0.6 | | | |
| CERATOSCOPELUS MAXILLIFENSIS | | 1 | 1 | 11.1 | SL | | | | | 0.3 | | | |
| CERATOSCOPELUS MAXILLIFENSIS | | 1 | 1 | 5.3 | SL | | | | | 0.3 | | | |
| DIAPYCNUS SP. | | 1 | 1 | 6.1 | SL | | | | | 0.3 | | | |
| UPORPHYCIS SP. | | 7 | 7 | 3.7 | 2.9-5.0 NL | | | | | 2.1 | | | |
| LEIESTOMUS XANTHURUS | | 56 | 55 | 4.6 | 2.7-7.3 SL | | | | | 17.0 | | | |
| MICROPOGON UNOULATUS | | 23 | 23 | 3.8 | 2.5-10.4 SL | | | | | 7.0 | | | |
| PEPICOTUS TRIACANTHUS | | 1 | 1 | 5.5 | SL | | | | | 0.3 | | | |
| PEPICOTUS CARLINUS | | 7 | 7 | 5.4 | 5.0-5.8 SL | | | | | 2.1 | | | |
| RETHUS OCELLATUS | | 3 | 2 | 12.2 | 5.2-19.2 SL | | | | | 0.9 | | | |
| ETREPIUS MICROSTOMUS | | 8 | 8 | 5.3 | 4.6-7.1 SL | | | | | 2.4 | | | |
| PARALICHTHYS DENTATUS | | 6 | 6 | 5.0 | 3.2-7.9 SL | 2 | | | | 1.8 | 0.6 | | |
| SCOPHTHALMUS AQUOSUS | | 2 | 2 | 4.5 | 3.1-5.8 SL | | | | | 0.6 | | | |
| SYMPHURUS SP. | | 2 | 2 | 7.5 | 6.5-8.4 SL | | | | | 0.6 | | | |
| ADDITIONAL LARVAE CAUGHT | | OPHICHTHICAE SYNDONTICAE BREGMACEROTICAE OPHIDIICAE SERRANICAE SPARIDAE LABRIDAE OR SCARIDAE BLENNIICAE CALLIONYMICAE Gobiidae TRIGLICAE UNIDENTIFIED | | | | | | | | | | | |

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|----------------------------------|----------|--|------------------|------|-----------|----------------|--|------|------|-------------|------|------|--|
| 065 4 1965 | STA. 0 M | NUMBER | LENGTHS (MM) | NO. | | NUMBER | LENGTHS (MM) | NO. | | NO. PER 10M | | | |
| SPECIES ANALYZED | | TOTAL MEAS. | MEAN RANGE MEAS. | EGGS | | TOTAL MEAS. | MEAN RANGE MEAS. | EGGS | | LARVAE | EGGS | | |
| N 4 15 12 | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | | |
| AHLIA EGMONTIS | | 1 | 1 | 71.0 | TL | | | | | 0.3 | | | |
| OPHICHTHUS MELANOPHORUS | | 1 | 1 | 31.5 | NL | | | | | 0.3 | | | |
| OPHICHTHUS OCELLATUS | | 4 | 4 | 33.7 | 27.0-43.0 | TL | 1 | 1 | 33.5 | TL | 1.5 | | |
| BREVORTIA TYRANNUS | | 36 | 32 | 7.5 | 4.1-12.7 | TL | 21 | 21 | 9.1 | 5.0-11.7 | TL | 17.8 | |
| STRUMEUS SADINA | | 5 | 5 | 7.3 | 6.0-10.0 | TL | 2 | 2 | 10.2 | 9.5-10.9 | TL | 2.2 | |
| ENGRAULIS EURYSTOKE | | 1 | 1 | 4.6 | | TL | 4 | 4 | 20.4 | 18.6-22.1 | TL | 1.6 | |
| OPHIOSTOMUS XANTHINUS | | 2 | 2 | 5.6 | 5.2-6.0 | SL | 1 | 1 | 5.0 | | SL | 0.9 | |
| LAMFANYCTUS ALATUS OR PHOTONOTUS | | | | | | | 1 | 1 | 6.3 | | SL | 0.3 | |
| UROPHYCIS SP. | | 7 | 3 | 3.3 | 2.6-3.7 | NL | 69 | 18 | 4.1 | 3.1-5.3 | NL | 25.1 | |
| SERRANIDAE | | | | | | | | | | | | 0.0 | |
| HEMANTHUS VIVANUS | | 2 | 2 | 3.0 | 2.8-3.2 | SL | 3 | 3 | 3.1 | 2.4-3.7 | SL | 1.6 | |
| LEICSTOMUS XANTHINUS | | 39 | 39 | 3.6 | 2.5-7.6 | SL | 208 | 201 | 4.5 | 2.7-8.0 | SL | 81.0 | |
| MICROPOGON UNICULATUS | | 41 | 40 | 3.2 | 2.5-4.4 | SL | 133 | 132 | 3.8 | 2.5-8.6 | SL | 56.6 | |
| PERILUS TRIACANTHUS | | | | | | | 3 | 2 | 3.6 | 3.2-4.1 | SL | 1.0 | |
| PERICHTHUS CARLINUS | | | | | | | 24 | 24 | 5.5 | 3.7-8.0 | SL | 8.0 | |
| ROTHUS OCELLATUS | | 1 | 1 | 11.4 | | SL | 6 | 6 | 8.5 | 3.3-8.9 | SL | 2.3 | |
| ETROPLUS MICROSTOMUS | | 12 | 12 | 6.0 | 4.7-7.6 | SL | 158 | 25 | 4.9 | 2.9-9.4 | SL | 56.3 | |
| PARALICHTHUS TENTATUS | | 5 | 5 | 4.3 | 3.8-4.8 | SL | 4 | 4 | 4.8 | 3.2-7.3 | SL | 2.8 | |
| SCOPHTHALMUS AQUOSUS | | | | | | | 2 | 1 | 4.2 | | SL | 0.7 | |
| SYACIUM PAPILLOSUM | | 1 | 1 | 10.0 | | SL | | | | | | 0.3 | |
| SYMPHYRUS SP. | | 2 | 2 | 4.2 | 4.2-4.2 | SL | | | | | | 0.7 | |
| ADDITIONAL LARVAE CAUGHT | | SYNOBONTIDAE PARALEPTIDAE LOPHOTICHTHIDAE BREGMACEROTIDAE OPHIOTIDAE SYNGNATHIDAE SERRANIDAE CARANGIDAE SPARIDAE LABRIDAE OR SCARIDAE GOBIIDAE SCORPAENIDAE TRIGLIDAE UNIDENTIFIED | | | | | SYNOBONTIDAE BREGMACEROTIDAE OPHIOTIDAE SPARIDAE MUGILIDAE CALLIONYMIDAE GOBIIDAE STROMATEIDAE UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | |
| N 5 15 12 | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | | |
| BREVORTIA TYRANNUS | | 172 | 49 | 8.2 | 3.9-11.2 | TL | 49 | 45 | 8.8 | 5.3-12.7 | TL | 67.9 | |
| STRUMEUS SADINA | | 1 | 1 | 12.0 | | TL | 2 | 2 | 13.1 | 13.0-13.3 | TL | 1.0 | |
| ENGRAULIS EURYSTOKE | | 1 | 1 | 18.2 | | TL | 7 | 6 | 12.7 | 9.3-22.6 | TL | 2.6 | |
| LAMFANYCTUS ALATUS OR PHOTONOTUS | | 2 | 2 | 4.9 | 4.7-5.1 | SL | | | | | | 0.7 | |
| UROPHYCIS SP. | | 231 | 36 | 3.7 | 1.9-6.9 | NL | 58 | 7 | 4.4 | 1.9-6.3 | NL | 88.6 | |
| SERRANIDAE | | | | | | | | | | | | 0.0 | |
| LEICSTOMUS XANTHINUS | | 206 | 109 | 4.7 | 2.8-9.5 | SL | 109 | 106 | 4.3 | 2.7-7.6 | SL | 58.1 | |
| MICROPOGON UNICULATUS | | 14 | 12 | 3.9 | 2.5-5.4 | SL | 50 | 48 | 4.2 | 2.7-6.6 | SL | 20.9 | |
| PERILUS TRIACANTHUS | | 5 | 5 | 3.9 | 2.9-4.5 | SL | 1 | 1 | 4.5 | | SL | 1.8 | |
| PERICHTHUS CARLINUS | | 10 | 10 | 3.9 | 2.7-5.5 | SL | 1 | 1 | 5.7 | | SL | 3.3 | |
| ROTHUS OCELLATUS | | 5 | 5 | 3.5 | 2.5-5.1 | SL | 3 | 3 | 4.9 | 3.2-6.2 | SL | 2.5 | |
| CYCLIPSETTA FIMBRIATA | | 1 | 1 | 6.1 | | SL | | | | | | 0.3 | |
| ETROPLUS MICROSTOMUS | | 50 | 48 | 5.2 | 3.1-10.0 | SL | 117 | 25 | 4.7 | 3.0-9.3 | SL | 54.0 | |
| PARALICHTHUS TENTATUS | | 12 | 12 | 3.5 | 2.9-5.2 | SL | 11 | 11 | 4.6 | 3.2-7.3 | SL | 7.3 | |
| SCOPHTHALMUS AQUOSUS | | | | | | | 1 | 1 | 4.9 | | SL | 0.3 | |
| SYACIUM PAPILLOSUM | | | | | | | 1 | 1 | 8.2 | | SL | 0.3 | |
| SYMPHYRUS SP. | | | | | | | 1 | 1 | 3.9 | | SL | 0.3 | |
| ADDITIONAL LARVAE CAUGHT | | OPHIOTICHTHIDAE SYNOBONTIDAE OPHIOTICHTHIDAE SYNGNATHIDAE SERRANIDAE SPARIDAE LABRIDAE OR SCARIDAE MUGILIDAE CALLIONYMIDAE GOBIIDAE ACANTHURIDAE STROMATEIDAE SCORPAENIDAE UNIDENTIFIED | | | | | VINCIGUERRIA SP. STOMIATIDAE SYNOBONTIDAE PARALEPTIDAE BREGMACEROTIDAE OPHIOTICHTHIDAE SERRANIDAE CARANGIDAE SPARIDAE LABRIDAE OR SCARIDAE CALLIONYMIDAE GOBIIDAE TRICHIURIDAE STROMATEIDAE SCORPAENIDAE UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | |
| F 1 15 12 | | SAMPLING DEPTH | 0-3M | | | | | | | | | | |
| MICROPOGON UNICULATUS | | 1 | 1 | 8.4 | | SL | | | | | 0.1 | | |
| PARALICHTHUS TENTATUS | | | | | | | | | | | 0.0 | | |
| SCOPHTHALMUS AQUOSUS | | 1 | 1 | 3.0 | | SL | | | | | 0.1 | | |
| ADDITIONAL LARVAE CAUGHT | | SPARIDAE CALLIONYMIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |

TABLE 3. (continued)

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| CRUISE DATE STA. D M SPECIES ANALYZED P 5 15 12 | ***** LARVAE ***** | | | | | NO. EGGS | ***** LARVAE ***** | | | | | NO. EGGS | NO. PER 10M ² LARVAE EGGS |
|---|--------------------|--------------|-------|----------|-------|-------------|----------------------|--------------|-------|----------|-------|-------------|---|
| | NUMBER | LENGTHS (MM) | MEAS. | RANGE | MEAS. | | NUMBER | LENGTHS (MM) | MEAS. | RANGE | MEAS. | | |
| | TOTAL | MEAS. | MEAN | 0-15M | | | TOTAL | MEAS. | MEAN | 18-33M | | | |
| PREVORTIA TYRANNUS | 3 | 3 | 9.5 | 8.7-10.7 | TL | | | | | | | | 1.0 |
| MYCTOPHIDAE | | | | | | | 2 | 2 | 4.6 | 4.2- 5.0 | SL | | 0.7 |
| CERATOSCOPELUS MAHERENSIS | 2 | 2 | 10.2 | 9.8-10.6 | NL | | | | | | | | 0.7 |
| CERATOSCOPELUS WAMMINCI | 50 | 20 | 4.0 | 2.9- 6.1 | SL | | 2 | 2 | 3.8 | 3.2- 4.5 | SL | | 16.7 |
| DIAPHUS SP. | 6 | 6 | 4.8 | 3.7- 7.1 | SL | | 2 | 2 | 6.5 | 6.2- 6.8 | SL | | 2.5 |
| HYGEPHUM TANNINGI | | | | | | | 1 | 1 | 5.0 | | SL | | 0.3 |
| LAMPANYCTUS ALATUS ER PHOTENOTUS | 8 | 8 | 3.8 | 3.4- 4.3 | SL | | 12 | 12 | 3.7 | 2.9- 4.5 | SL | | 6.4 |
| LAMPANYCTUS ATER | | | | | | | 1 | 1 | 5.7 | | SL | | 0.3 |
| MYCTOPHUM SP. | | | | | | | 1 | 1 | 5.2 | | SL | | 0.3 |
| NOTOSCOPELUS SP. | | | | | | | 6 | 6 | 4.7 | 4.4- 5.5 | SL | | 2.0 |
| HEMANTHIAS VIVANUS | | | | | | | 1 | 1 | 3.6 | | SL | | 0.3 |
| PLECTRANTHIAS GARGUPELLUS | 1 | 1 | 3.6 | | SL | | | | | | | | 0.3 |
| LEICSTOMIUS XANTHURUS | 8 | 8 | 3.4 | 2.5- 4.1 | SL | | | | | | | | 2.7 |
| MYCROPOGON UNICULATUS | 1 | 1 | 3.4 | | SL | | | | | | | | 0.3 |
| PERIPATUS TRIACANTHUS | | | | | | | 3 | 3 | 2.6 | 2.7- 3.3 | SL | | 1.0 |
| PERICHTHUS CAPOLINUS | | | | | | | 1 | 1 | 5.2 | | SL | | 0.3 |
| ROTHUS OCELLATUS | 5 | 5 | 4.5 | 3.7- 5.7 | SL | | 1 | 1 | 4.0 | | SL | | 1.8 |
| SYACIUM PAPILLOSUM | 1 | 1 | 10.7 | | SL | | 1 | 1 | 3.7 | | SL | | 0.6 |
| SYMPHYRUS SP. | 1 | 1 | 3.9 | | SL | | | | | | | | 0.3 |
| ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | | | |
| | | | | | | | MURAENIDAE | | | | | | |
| | | | | | | | CYCLOTHCNE SP. | | | | | | |
| | | | | | | | STOMIATIDAE | | | | | | |
| | | | | | | | SYNOBONTIDAE | | | | | | |
| | | | | | | | PARALEPIDIDAE | | | | | | |
| | | | | | | | LOPHIIFORMES | | | | | | |
| | | | | | | | SERRANIDAE | | | | | | |
| | | | | | | | GRAMMISTIDAE | | | | | | |
| | | | | | | | CORYPHAENIDAE | | | | | | |
| | | | | | | | CHAETODONTIDAE | | | | | | |
| | | | | | | | LABRIDAE OR SCARIDAE | | | | | | |
| | | | | | | | MUGILIDAE | | | | | | |
| | | | | | | | Gobiidae | | | | | | |
| | | | | | | | ACANTHURIDAE | | | | | | |
| | | | | | | | GEMPYIDAE | | | | | | |
| | | | | | | | SCORPAENIDAE | | | | | | |
| | | | | | | | BALISTIDAE | | | | | | |
| | | | | | | | TETRAODONTIDAE | | | | | | |
| | | | | | | | UNIDENTIFIED | | | | | | |

TABLE 3. (continued)

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| CRUISE DATE | | ***** LARVAE ***** | | | | ***** LARVAE ***** | | | | NO. PER 10M ² | |
|------------------------------|-------------------------|------------------------------|-------------------------|------------------------------|------|------------------------------|--------------|------------------------------|------|------------------------------|------|
| STA. | NO. M. SPECIES ANALYZED | NUMBER | LENGTHS (MM) | NO. | EGGS | NUMBER | LENGTHS (MM) | NO. | EGGS | NO. PER 10M ² | EGGS |
| TOTAL MEAS. MEAN RANGE MEAS. | | TOTAL MEAS. MEAN RANGE MEAS. | | TOTAL MEAS. MEAN RANGE MEAS. | | TOTAL MEAS. MEAN RANGE MEAS. | | TOTAL MEAS. MEAN RANGE MEAS. | | TOTAL MEAS. MEAN RANGE MEAS. | |
| SAMPLING DEPTH 0-6M | | SAMPLING DEPTH 0-6M | | SAMPLING DEPTH 0-6M | | SAMPLING DEPTH 0-6M | | SAMPLING DEPTH 0-6M | | SAMPLING DEPTH 0-6M | |
| A 1 | 26 01 | CLUPPEA HARENGUS HARENGUS | 2 2 36.5 36.1-36.9 TL | | | | | | | 0.2 | |
| | | GADUS MORPHUA | 7 7 10.3 6.7-16.2 SL | 5 | | | | | | 0.8 | 0.6 |
| | | AMMODYTES SP. | 50 50 8.9 5.5-20.8 TL | | | | | | | 6.1 | |
| | | ADDITIONAL LARVAE CAUGHT | OPHIDIIDAE | | | | | | | | |
| | | | PHOLIDAE | | | | | | | | |
| | | | COTTIDAE | | | | | | | | |
| | | | | | | | | | | | |
| A 2 | 26 01 | CLUPPEA HARENGUS HARENGUS | 7 6 25.4 24.5-41.5 TL | | | | | | | 2.1 | |
| | | GADUS MORPHUA | 3 3 8.2 5.9-9.6 SL | 3 | | | | | | 0.9 | 0.9 |
| | | POLLACHIUS VIRENS | 5 4 11.9 6.9-15.7 SL | 0 | | | | | | 1.5 | 0.0 |
| | | AMMODYTES SP. | 27 27 10.6 6.3-23.2 TL | | | | | | | 8.2 | |
| | | SOCENTHALMUS AOUSUS | 1 1 27.0 SL | | | | | | | 0.3 | |
| | | LEMANIA FERRUCINEA | 1 1 57.6 SL | | | | | | | 0.3 | |
| | | ADDITIONAL LARVAE CAUGHT | PHOLIDAE | | | | | | | | |
| | | | COTTIDAE | | | | | | | | |
| | | | UNIDENTIFIED | | | | | | | | |
| | | | | | | | | | | | |
| P 1 | 26 01 | GADUS MORPHUA | 2 2 6.6 5.6-7.6 TL | 1 | | | | | | 0.0 | 0.3 |
| | | AMMODYTES SP. | | | | | | | | 0.6 | |
| | | ADDITIONAL LARVAE CAUGHT | PHOLIDAE | | | | | | | | |
| | | | COTTIDAE | | | | | | | | |
| | | | | | | | | | | | |
| P 2 | 26 01 | GADUS MORPHUA | | 1 | | | | | | 0.0 | 0.2 |
| | | ADDITIONAL LARVAE CAUGHT | OPHIDIIDAE | | | | | | | | |
| | | | PHOLIDAE | | | | | | | | |
| | | | COTTIDAE | | | | | | | | |
| | | | | | | | | | | | |
| P 3 | 26 01 | CLUPPEA HARENGUS HARENGUS | 4 3 28.0 25.4-31.1 TL | | | | | | | 1.3 | |
| | | ENCYLIORHynchus CIMMERIUS | | 0 | | 1 1 6.2 SL | 0 | | | 0.3 | 0.0 |
| | | GADUS MORPHUA | | 2 | | | 0 | | | 0.0 | 0.7 |
| | | POLLACHIUS VIRENS | 1 1 11.5 SL | 0 | | | 0 | | | 0.3 | 0.0 |
| | | AMMODYTES SP. | 22 22 9.1 5.8-14.5 TL | | | | | | | 7.3 | |
| | | ADDITIONAL LARVAE CAUGHT | OPHIDIIDAE | | | | | | | | |
| | | | PHOLIDAE | | | | | | | | |
| | | | | | | | | | | | |
| P 4 | 26 01 | CLUPPEA HARENGUS HARENGUS | 1 1 27.0 TL | | | | | | | 1.6 | |
| | | GADUS MORPHUA | 2 2 4.9 4.4-5.3 SL | 0 | | 4 4 25.1 24.9-29.6 TL | 0 | | | 1.3 | 0.0 |
| | | POLLACHIUS VIRENS | | 0 | | 2 2 5.2 5.2-5.2 SL | 0 | | | 0.3 | 0.0 |
| | | AMMODYTES SP. | 1 1 11.2 TL | 0 | | 1 1 3.3 SL | 0 | | | 0.3 | 0.0 |
| | | ADDITIONAL LARVAE CAUGHT | | | | 13 13 10.3 5.5-14.6 TL | | | | 4.6 | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| P 5 | 26 01 | CLUPPEA HARENGUS HARENGUS | 1 1 23.7 TL | | | | | | | 1.3 | |
| | | POLLACHIUS VIRENS | 2 2 9.0 8.5-9.4 SL | 0 | | 3 3 28.5 26.6-30.6 TL | 0 | | | 1.6 | 0.0 |
| | | AMMODYTES SP. | 37 36 11.5 7.3-16.3 TL | | | 25 23 11.5 6.9-15.2 TL | | | | 19.4 | |
| | | | | | | | | | | | |
| P 6 | 25 01 | CLUPPEA HARENGUS HARENGUS | 6 6 26.9 24.3-30.1 TL | | | | | | | 4.5 | |
| | | GADUS MORPHUA | | 0 | | 8 8 26.5 22.6-30.4 TL | 0 | | | 3.3 | 0.0 |
| | | POLLACHIUS VIRENS | 22 22 6.5 4.3-9.5 SL | 0 | | 10 10 7.6 5.6-10.1 SL | 0 | | | 18.9 | 0.0 |
| | | AMMODYTES SP. | 237 57 10.4 6.5-17.5 TL | | | 37 36 6.7 4.1-11.5 SL | 0 | | | 18.7 | |
| | | PARALICHTHYS DENTATUS | | 0 | | 344 73 11.0 7.0-20.6 TL | 0 | | | 0.3 | 0.0 |
| | | | | | | 1 1 6.7 SL | | | | | |
| | | | | | | | | | | | |
| P 7 | 25 01 | CLUPPEA HARENGUS HARENGUS | 1 1 30.2 TL | | | | | | | 0.3 | |
| | | GADUS MORPHUA | 3 3 5.6 5.2-5.9 SL | 0 | | 3 3 5.6 4.6-7.3 SL | 0 | | | 1.9 | 0.0 |
| | | MELENGRAMMUS AEGLEFINUS | 2 2 5.7 4.6-6.9 SL | 1 | | | 0 | | | 0.7 | 0.3 |
| | | POLLACHIUS VIRENS | 15 13 6.0 4.3-9.2 SL | 0 | | 7 7 5.2 4.3-6.3 SL | 0 | | | 6.8 | 0.0 |
| | | AMMODYTES SP. | 69 51 12.1 9.6-16.4 TL | | | 52 52 11.1 8.5-14.6 TL | | | | 27.7 | |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | |
| | | | | | | | | | | | |
| C 1 | 02 02 | SOCENTHALMUS AOUSUS | 1 1 33.0 SL | | | | | | | 0.3 | |
| | | ADDITIONAL LARVAE CAUGHT | COTTIDAE | | | | | | | | |
| | | | | | | | | | | | |
| C 2 | 02 02 | ENCYLIORHynchus CIMMERIUS | 1 1 34.2 SL | 0 | | | | | | 0.3 | 0.0 |
| | | GADUS MORPHUA | | 1 | | | | | | 0.0 | 0.3 |
| | | ADDITIONAL LARVAE CAUGHT | PLENNIDAE | | | | | | | | |
| | | | COTTIDAE | | | | | | | | |
| | | | UNIDENTIFIED | | | | | | | | |

TABLE 3. (continued)

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| CRUISE DATE | | ***** LARVAE ***** | | | | | | ***** LARVAE ***** | | | | | | 2 | |
|--------------------------|--|----------------------|----|--------------|-----------|------------|-----------------------|--------------------|--------------|------|------------|-------------|-----|---|--|
| NO. 1 1966 | | NUMBER | | LENGTHS (MM) | | NO. | NUMBER | | LENGTHS (MM) | | NO. | NO. PER 10* | | | |
| STA. 04 SPECIES ANALYZED | | TOTAL MEAS. | | MEAN RANGE | | MEAS. EGGS | TOTAL MEAS. | | MEAN RANGE | | MEAS. EGGS | LARVAE | | | |
| C 3 C2 02 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-24M | | | | | EGGS | | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | OPHICHTHIDAE | | | | | | | | |
| | | | | | | | PHOLIDAE | | | | | | | | |
| C 4 C3 02 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-24M | | | | | | | | |
| GADUS MORHUA | | 2 | 2 | 5.2 | 3.8-6.5 | SL | 0 | | | | | 3 | 0.6 | | |
| MELANOGRAMMUS AEGLEFINUS | | 1 | 1 | 5.7 | | SL | 0 | | | | | 0 | 0.3 | | |
| PELLAGHIUS VIRENS | | | | | | | 0 | 1 | 1 | 7.0 | SL | 0 | 0.2 | | |
| ADDITIONAL LARVAE CAUGHT | | PHOLIDAE | | | | | UNIDENTIFIED | | | | | | | | |
| C 5 C3 02 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-23M | | | | | | | | |
| CLUPEA HARENGUS HARENGUS | | 1 | 1 | 27.3 | | TL | | | | | | 0 | 0.3 | | |
| PACHYDONTUS CIMBRIUS | | 1 | 1 | 6.8 | | SL | 0 | 1 | 1 | 8.7 | SL | 0 | 0.6 | | |
| GADUS MORHUA | | 5 | 4 | 5.5 | 4.6-6.2 | SL | 1 | 5 | 5 | 5.5 | 4.1-6.5 | SL | 0 | | |
| PELLAGHIUS VIRENS | | | | | | | 0 | 9 | 8 | 8.2 | 4.9-11.0 | SL | 0 | | |
| AMMODYTES SP. | | 2 | 2 | 13.5 | 13.0-14.0 | TL | | | | | | | 0.7 | | |
| ADDITIONAL LARVAE CAUGHT | | PHOLIDAE | | | | | PHOLIDAE | | | | | | | | |
| | | | | | | | UNIDENTIFIED | | | | | | | | |
| C 6 C4 02 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-23M | | | | | | | | |
| GADUS MORHUA | | 6 | 6 | 5.6 | 4.6-7.7 | SL | 0 | 4 | 4 | 8.2 | 4.9-8.4 | SL | 0 | | |
| PELLAGHIUS VIRENS | | 3 | 3 | 7.2 | 4.4-8.9 | SL | 0 | | | | | | 3.1 | | |
| ADDITIONAL LARVAE CAUGHT | | ANGUILLA ROSTRATA | | | | | ANGUILLA ROSTRATA | | | | | 1.0 | | | |
| | | | | | | | PHOLIDAE | | | | | 0.0 | | | |
| C 7 C4 02 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-23M | | | | | | | | |
| GADUS MORHUA | | 3 | 3 | 6.1 | 4.7-7.2 | SL | 0 | 3 | 3 | 7.7 | 7.0-9.0 | SL | 0 | | |
| PELLAGHIUS VIRENS | | | | | | | 0 | 13 | 13 | 7.5 | 4.6-13.7 | SL | 0 | | |
| AMMODYTES SP. | | 4 | 4 | 14.4 | 12.3-17.4 | TL | | 6 | 6 | 12.9 | 10.0-17.0 | TL | | | |
| ADDITIONAL LARVAE CAUGHT | | ANGUILLA ROSTRATA | | | | | | | | | | 3.2 | | | |
| C 8 C4 02 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-23M | | | | | | | | |
| AMMODYTES SP. | | 4 | 4 | 13.8 | 12.9-15.3 | TL | | | | | | | 1.3 | | |
| ADDITIONAL LARVAE CAUGHT | | PARALEPICHIAE | | | | | | | | | | | | | |
| C 1 C4 02 | | SAMPLING DEPTH 0-6M | | | | | | | | | | | | | |
| PELLAGHIUS VIRENS | | 3 | 3 | 5.0 | 3.3-5.9 | SL | 0 | | | | | | 0.4 | | |
| AMMODYTES SP. | | 4 | 4 | 13.2 | 11.0-15.6 | TL | | | | | | | 0.5 | | |
| ADDITIONAL LARVAE CAUGHT | | COTTIDAE | | | | | | | | | | | | | |
| C 2 C4 02 | | SAMPLING DEPTH 0-6M | | | | | | | | | | | | | |
| GADUS MORHUA | | 1 | 1 | 6.2 | | SL | 0 | | | | | | 0.1 | | |
| PELLAGHIUS VIRENS | | 1 | 1 | 9.6 | | SL | 0 | | | | | | 0.1 | | |
| ADDITIONAL LARVAE CAUGHT | | COTTIDAE | | | | | | | | | | 0.0 | | | |
| C 3 C4 02 | | SAMPLING DEPTH 0-15M | | | | | | | | | | | | | |
| GADUS MORHUA | | 2 | 2 | 5.2 | 5.1-5.2 | SL | 5 | | | | | | 0.6 | | |
| PELLAGHIUS VIRENS | | 1 | 1 | 10.5 | | SL | 0 | | | | | | 0.3 | | |
| AMMODYTES SP. | | 1 | 1 | 13.0 | | TL | | | | | | | 0.3 | | |
| ADDITIONAL LARVAE CAUGHT | | PHOLIDAE | | | | | | | | | | | | | |
| C 4 C4 02 | | SAMPLING DEPTH 0-15M | | | | | | | | | | | | | |
| GADUS MORHUA | | 3 | 3 | 5.2 | 4.3-5.8 | SL | 0 | | | | | | 0.9 | | |
| PELLAGHIUS VIRENS | | 1 | 1 | 10.0 | | SL | 0 | | | | | | 0.3 | | |
| AMMODYTES SP. | | 1 | 1 | 12.2 | | TL | | | | | | | 0.3 | | |
| C 5 C4 02 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-24M | | | | | | | | |
| GADUS MORHUA | | 2 | 1 | 7.8 | | SL | 0 | 3 | 3 | 8.8 | 7.5-8.7 | SL | 2 | | |
| PELLAGHIUS VIRENS | | | | | | | 0 | 1 | 1 | 12.8 | | SL | 0 | | |
| AMMODYTES SP. | | 1 | 1 | 21.2 | | TL | | 1 | 1 | 20.0 | | TL | 0 | | |
| ADDITIONAL LARVAE CAUGHT | | ANGUILLA ROSTRATA | | | | | PHOLIDAE | | | | | 0.5 | | | |
| C 6 C4 02 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-23M | | | | | | | | |
| GADUS MORHUA | | 1 | 1 | 4.7 | | SL | 0 | | | | | | 0.3 | | |
| AMMODYTES SP. | | 19 | 19 | 14.4 | 12.0-17.8 | TL | | 2 | 2 | 14.6 | 13.0-16.3 | TL | | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | PHOLIDAE | | | | | 6.4 | | | |
| C 7 C4 02 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-23M | | | | | | | | |
| PELLAGHIUS VIRENS | | 3 | 3 | 8.0 | 6.6-9.0 | SL | 0 | 2 | 2 | 8.3 | 8.0-8.5 | SL | 0 | | |
| AMMODYTES SP. | | 2 | 2 | 13.1 | 12.2-14.0 | TL | | 5 | 5 | 14.5 | 13.4-17.4 | TL | | | |
| PARALICHTHYS CENTATUS | | | | | | | 0 | 1 | 1 | 5.5 | | SL | 0 | | |

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| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | | |
|--------------------------|-------|----------------------|----------------------|------|------|-------------|-----------------------|------|------|-------------|------|------|------|
| STA. | DATE | NUMBER | LENGTHS (MM) | NO. | EGGS | NUMBER | LENGTHS (MM) | NO. | EGGS | NO. PER 10* | | | |
| STA. | DATE | TOTAL MEAS. | MEAN RANGE MEAS. | EGGS | | TOTAL MEAS. | MEAN RANGE MEAS. | EGGS | | LARVAE | EGGS | | |
| D 8 | 04 02 | | | | | | | | | | | | |
| AMMODYTES SP. | | 2 | 2 16.6 15.5-17.8 TL | | | | | | | | 0.7 | | |
| PARALICHTHYS ENTATILS | | | | | | 1 | 1 9.1 | | SL | 0 | 0.3 | 0.0 | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | |
| E 1 | 05 02 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| ADDITIONAL LARVAE CAUGHT | | ANGUILLA ROSTRATA | | | | | | | | | | | |
| | | COTTIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| F 2 | 05 02 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| AMMODYTES SP. | | 3 | 3 14.1 11.6-17.2 TL | | | | | | | | 0.4 | | |
| | | | | | | | | | | | | | |
| E 3 | 05 02 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| GADUS MORHUA | | 2 | 2 9.1 7.2-10.9 SL | | 0 | | | | | | 0.2 | C.C. | |
| AMMODYTES SP. | | 9 | 9 14.5 7.3-17.5 TL | | | | | | | | 1.1 | | |
| | | | | | | | | | | | | | |
| F 4 | 05 02 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| CLUPEA HARENGUS HARENGUS | | 1 | 1 32.0 | | TL | | | | | | 0.3 | | |
| GADUS MORHUA | | 7 | 7 9.2 5.7-14.0 SL | | 0 | | | | | | 2.1 | C.C. | |
| AMMODYTES SP. | | 1 | 1 19.0 | | TL | | | | | | 0.3 | | |
| ADDITIONAL LARVAE CAUGHT | | PHOLIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| E 5 | 05 02 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| CLUPEA HARENGUS HARENGUS | | 1 | 1 23.2 | | TL | | | | | | 0.3 | | |
| GADUS MORHUA | | 3 | 3 8.8 7.7-10.6 SL | | 1 | | | | | | 1.0 | 0.3 | |
| PELLACHTIUS VIRENS | | | | | 0 | 1 | 1 4.1 | | SL | 0 | 0.2 | C.C. | |
| AMMODYTES SP. | | 1 | 1 24.0 | | TL | | | | | | 0.3 | | |
| ADDITIONAL LARVAE CAUGHT | | PHOLIDAE | | | | | PHOLIDAE | | | | | | |
| | | COTTIDAE | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| E 6 | 05 02 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| CLUPEA HARENGUS HARENGUS | | 1 | 1 26.9 | | TL | | | | | | 0.3 | | |
| GADUS MORHUA | | 2 | 2 7.7 6.5-8.9 SL | | 0 | | | | | | 0.6 | C.C. | |
| SCOPHTHALMUS AQUOSUS | | 1 | 1 9.2 | | SL | | | | | | 0.3 | | |
| ADDITIONAL LARVAE CAUGHT | | PHOLIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| F 7 | 05 02 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| PELLACHTIUS VIRENS | | 1 | 1 10.0 | | SL | | | | | | 0 | 0.3 | C.C. |
| AMMODYTES SP. | | 22 | 22 13.5 5.9-22.0 TL | | | | | | | | 7.3 | | |
| | | | | | | | | | | | | | |
| F 9 | 05 02 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| AMMODYTES SP. | | 1 | 1 17.1 | | TL | | | | | | 0.3 | | |
| | | | | | | | | | | | | | |
| F 2 | 06 02 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| AMMODYTES SP. | | 7 | 7 13.7 10.8-16.4 TL | | | | | | | | 0.9 | | |
| ADDITIONAL LARVAE CAUGHT | | COTTIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| F 3 | 06 02 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| GADUS MORHUA | | 4 | 2 8.5 7.7-9.2 SL | | 0 | | | | | | 1.2 | 0.0 | |
| AMMODYTES SP. | | 90 | 55 13.5 10.3-20.5 TL | | | | | | | | 27.3 | | |
| PARALICHTHYS ENTATILS | | 1 | 1 7.2 | | SL | | | | | | 0.3 | 0.0 | |
| ADDITIONAL LARVAE CAUGHT | | COTTIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| F 4 | 06 02 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| GADUS MORHUA | | 1 | 1 9.7 | | SL | | | | | | 0.3 | C.C. | |
| AMMODYTES SP. | | 25 | 24 14.9 10.3-20.4 TL | | | | | | | | 7.6 | | |
| | | | | | | | | | | | | | |
| F 5 | 06 02 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| GADUS MORHUA | | 2 | 2 9.2 7.7-10.7 SL | | 0 | 7 | 7 10.7 8.5-15.0 SL | | 0 | 1.7 | C.C. | | |
| AMMODYTES SP. | | 32 | 30 16.4 12.5-19.6 TL | | | 84 | 47 16.9 12.6-21.8 TL | | | 23.4 | | | |
| ADDITIONAL LARVAE CAUGHT | | ANGUILLA ROSTRATA | | | | | ANGUILLA ROSTRATA | | | | | | |
| | | PHOLIDAE | | | | | BREGMACROTIDAE | | | | | | |
| | | | | | | | PHOLIDAE | | | | | | |
| | | | | | | | UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | |
| F 6 | 05 02 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| PELLACHTIUS VIRENS | | 2 | 2 8.3 8.1-8.4 SL | | 0 | | | | | | 0 | 0.7 | C.C. |
| AMMODYTES SP. | | 3 | 3 14.9 12.5-16.4 TL | | | 1 | 1 17.2 | | TL | 0 | 1.2 | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | ANGUILLA ROSTRATA | | | | | | |
| | | | | | | | GOBIIDAE | | | | | | |
| | | | | | | | | | | | | | |
| F 7 | 05 02 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |

TABLE 3. (continued)

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| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|-------------|-------|---------------------------|----------------|--------------|-------|--------------|--------------------|--------------|-------|-------|---------|--------|------|
| STA. | D M | SPECIES ANALYZED | NUMBER | LENGTHS (MM) | NO. | NO. | NUMBER | LENGTHS (MM) | NO. | NO. | PER 10M | EGGS | EGGS |
| G 1 | 06 02 | | TOTAL MEAS. | MEAN | RANGE | MEAS. | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | LARVAE | |
| | | CLUPPEA HARENGUS HARENGUS | 1 | 1 | 26.0 | TL | | | | | | | |
| | | ANCHOA MITCHILLI | 2 | 2 | 45.3 | 44.2-46.5 TL | | | | | | 0.1 | |
| | | POLLACHIUS VIRENS | 1 | 1 | 9.6 | SL | 0 | | | | | 0.2 | |
| | | AMMODYTES SP. | 28 | 28 | 9.6 | 4.9-21.4 TL | | | | | | 0.1 | 0.0 |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | 3.4 | |
| | | PHOLIDAE | | | | | | | | | | | |
| | | COTTIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| G 2 | 06 02 | | SAMPLING DEPTH | C- 6M | | | | | | | | | |
| | | GADUS MORHUA | 3 | 3 | 10.2 | 8.3-12.2 SL | 0 | | | | | 0.4 | 0.0 |
| | | AMMODYTES SP. | 60 | 50 | 11.9 | 6.9-22.7 TL | | | | | | 7.3 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | |
| | | COTTIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| G 3 | 06 02 | | SAMPLING DEPTH | C-15M | | | | | | | | | |
| | | GADUS MORHUA | 1 | | | | 0 | | | | | 0.3 | 0.0 |
| | | AMMODYTES SP. | 33 | 33 | 12.9 | 5.4-19.1 TL | | | | | | 10.0 | |
| | | | | | | | | | | | | | |
| G 4 | 06 02 | | SAMPLING DEPTH | 0-15M | | | | | | | | | |
| | | AMMODYTES SP. | 14 | 13 | 15.7 | 12.2-18.9 TL | | | | | | 4.2 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | |
| | | PHOLIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| G 5 | 06 02 | | SAMPLING DEPTH | C-15M | | | | | | | | | |
| | | GADUS MORHUA | | | | | 0 | | | | | | |
| | | AMMODYTES SP. | 1 | 1 | 17.9 | TL | | | | | | 0.3 | 0.0 |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | 4.3 | |
| | | PHOLIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| G 6 | 06 02 | | SAMPLING DEPTH | 0-15M | | | | | | | | | |
| | | AMMODYTES SP. | | | | | | | | | | | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | |
| | | LARRIDAE OR SCARIDAE | | | | | | | | | | 6.3 | |
| | | PHOLIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| H 1 | 07 02 | | SAMPLING DEPTH | C- 3M | | | | | | | | | |
| | | CLUPPEA HARENGUS HARENGUS | 1 | 1 | 44.3 | TL | | | | | | 0.1 | |
| | | AMMODYTES SP. | 15 | 15 | 10.9 | 5.6-18.6 TL | | | | | | 0.9 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | |
| | | ANGUILLA ROSTRATA | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| H 2 | 07 02 | | SAMPLING DEPTH | C- 6M | | | | | | | | | |
| | | PREVORTIA TYRANNUS | 2 | 2 | 21.1 | 19.4-22.9 TL | | | | | | 0.2 | |
| | | GADUS MORHUA | 1 | 1 | 7.4 | SL | 0 | | | | | 0.1 | 0.0 |
| | | HEGEMICIS SP. | 1 | 1 | 7.6 | NL | | | | | | 0.1 | |
| | | AMMODYTES SP. | 47 | 45 | 10.1 | 6.0-17.7 TL | | | | | | 5.7 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | |
| | | ANGUILLA ROSTRATA | | | | | | | | | | | |
| | | COTTIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| H 3 | 07 02 | | SAMPLING DEPTH | C- 6M | | | | | | | | | |
| | | PREVORTIA TYRANNUS | 1 | 1 | 15.5 | TL | | | | | | 0.1 | |
| | | GADUS MORHUA | 1 | 1 | 6.5 | SL | 0 | | | | | 0.1 | 0.0 |
| | | AMMODYTES SP. | 13 | 13 | 14.3 | 6.8-22.2 TL | | | | | | 1.6 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | |
| | | COTTIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| H 4 | 06 02 | | SAMPLING DEPTH | 0-15M | | | | | | | | | |
| | | AMMODYTES SP. | 12 | 12 | 14.7 | 5.0-25.5 TL | | | | | | 3.6 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | |
| | | ANGUILLA ROSTRATA | | | | | | | | | | | |
| | | GORIIDAE | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| H 5 | 06 02 | | SAMPLING DEPTH | 0-15M | | | | | | | | | |
| | | AMMODYTES SP. | | | | | | | | | | | |
| | | PRIONITUS CARLINIUS | 3 | 3 | 16.9 | 15.5-18.6 TL | | | | | | 0.5 | |
| | | PARALICHTHYS DENTATUS | 2 | 2 | 21.4 | 21.3-41.5 SL | | | | | | 0.3 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | 0.3 | 0.0 |
| | | ANGUILLA ROSTRATA | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| H 6 | 06 02 | | SAMPLING DEPTH | 0-15M | | | | | | | | | |
| | | HEGEMICIS SP. | 1 | 1 | 3.1 | NL | | | | | | 0.3 | |
| | | | | | | | | | | | | | |
| H 7 | 06 02 | | SAMPLING DEPTH | 0-15M | | | | | | | | | |
| | | POLLACHIUS VIRENS | | | | | 0 | | | | | | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | 0.3 | 0.0 |
| | | SERRANICAE | | | | | | | | | | | |
| | | ANGUILLA ROSTRATA | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| J 1 | 07 02 | | SAMPLING DEPTH | 0- 6M | | | | | | | | | |
| | | | | | | | | | | | | | |
| J 2 | 07 02 | | SAMPLING DEPTH | C- 6M | | | | | | | | | |
| | | ANCHOA MITCHILLI | 1 | 1 | 59.5 | TL | | | | | | 0.1 | |
| | | AMMODYTES SP. | 1 | 1 | 20.2 | TL | | | | | | 0.1 | |

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| CRUISE DATE | | LARVAE | | | | | LARVAE | | | | | NO. PER 10M | |
|-------------|-------|--------------------------|--------------|-------|----------|------|-----------------------|--------------|-------|----------|------|-------------|--|
| 066 1 1966 | | NUMBER | LENGTHS (MM) | | | NO. | NUMBER | LENGTHS (MM) | | | NO. | PER 10M | |
| STA. | D.W. | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | LARVAE | |
| N 3 | C9 02 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| | | 49 | 49 | 13.7 | 7.1-29.8 | TL | | | | | | 14.8 | |
| | | 1 | 1 | 8.2 | | SL | | | | | | 0.3 | |
| | | 2 | 2 | 2.5 | 2.1- 2.5 | NL | | | | | | 0.6 | |
| | | 1 | 1 | 22.3 | | NL | | | | | | 0.3 | |
| | | 92 | 51 | 7.4 | 4.3-10.5 | SL | | | | | | 27.9 | |
| | | 7 | 7 | 6.1 | 4.6- 6.8 | SL | | | | | | 2.1 | |
| | | 3 | 3 | 7.4 | 4.2- 9.6 | SL | | | | | | 0.9 | |
| | | 6 | 6 | 7.0 | 3.8- 9.7 | SL | 0 | | | | | 1.8 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | |
| | | OPHIOTIDAE | | | | | | | | | | | |
| | | SERRANIDAE | | | | | | | | | | | |
| | | SPARIDAE | | | | | | | | | | | |
| | | Gobiidae | | | | | | | | | | | |
| | | SCORPAENIDAE | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| N 4 | C9 02 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-23M | | | | | | |
| | | | | | | | 1 | 1 | 40.3 | | NL | 0.3 | |
| | | 4 | 4 | 9.8 | 8.4-12.0 | TL | 3 | 3 | 6.7 | 9.2-10.4 | TL | 2.2 | |
| | | 1 | 1 | 19.0 | | TL | 1 | 1 | 10.5 | | TL | 0.6 | |
| | | 6 | 6 | 5.1 | 3.8- 5.8 | SL | | | | | | 2.0 | |
| | | 1 | 1 | 6.6 | | SL | | | | | | 0.3 | |
| | | 3 | 3 | 8.5 | 6.9-10.4 | SL | 1 | 1 | 5.8 | | SL | 1.2 | |
| | | 1 | 1 | 8.9 | | SL | 1 | 1 | 6.3 | | SL | 0.6 | |
| | | | | | | | 1 | 1 | 5.1 | | SL | 0.3 | |
| | | | | | | | 1 | 1 | 5.6 | | SL | 0.3 | |
| | | | | | | | 3 | 3 | 7.2 | 6.0- 7.5 | SL | 1.0 | |
| | | 3 | 3 | 4.2 | 3.2- 6.1 | SL | 1 | 1 | 4.8 | | SL | 1.2 | |
| | | 1 | 1 | 4.1 | | SL | | | | | | 0.3 | |
| | | 2 | 2 | 5.8 | 5.7- 6.0 | SL | | | | | | 0.7 | |
| | | 1 | 1 | 4.5 | | SL | 1 | 1 | 6.5 | | SL | 0.6 | |
| | | | | | | | 12 | 11 | 3.2 | 2.5- 4.1 | NL | 4.0 | |
| | | 4 | 4 | 2.3 | 1.6- 3.6 | NL | 2 | 1 | 4.8 | | NL | 1.9 | |
| | | 3 | 2 | 4.6 | 4.6- 4.7 | SL | 1 | 1 | 4.1 | | SL | 1.2 | |
| | | 1 | 1 | 8.7 | | SL | | | | | | 0.3 | |
| | | 10 | 10 | 4.4 | 3.9- 5.2 | SL | 12 | 12 | 5.5 | 4.1- 7.5 | SL | 7.0 | |
| | | 5 | 5 | 4.7 | 3.8- 5.7 | SL | 1 | 1 | 5.2 | | SL | 1.8 | |
| | | 8 | 8 | 3.3 | 1.7- 4.7 | SL | | | | | | 2.7 | |
| | | 5 | 5 | 6.3 | 4.2- 9.4 | SL | 1 | 1 | 7.2 | | SL | 1.8 | |
| | | 13 | 13 | 4.8 | 3.2- 9.8 | SL | 19 | 19 | 4.7 | 3.1- 6.0 | SL | 10.2 | |
| | | 3 | 3 | 4.2 | 3.2- 5.2 | SL | 2 | 2 | 3.6 | 3.3- 4.0 | SL | 1.6 | |
| | | 3 | 3 | 6.0 | 5.6- 6.5 | SL | 2 | 2 | 6.9 | 6.7- 7.0 | SL | 1.6 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | |
| | | OPHIOTIDAE | | | | | SYNOODONTIDAE | | | | | | |
| | | NEOTRASCARIDAE | | | | | PARALEPIDIDAE | | | | | | |
| | | STOMIATIDAE | | | | | BREGMACEROTIDAE | | | | | | |
| | | SYNOODONTIDAE | | | | | OPHIOTIDAE | | | | | | |
| | | PARALEPIDIDAE | | | | | SERRANIDAE | | | | | | |
| | | BREGMACEROTIDAE | | | | | CARANGIIDAE | | | | | | |
| | | OPHIOTIDAE | | | | | SPARIDAE | | | | | | |
| | | SERRANIDAE | | | | | LABRIDAE OR SCARIDAE | | | | | | |
| | | CARANGIIDAE | | | | | Gobiidae | | | | | | |
| | | SPARIDAE | | | | | TRICHIURIDAE | | | | | | |
| | | LABRIDAE OR SCARIDAE | | | | | SCORPAENIDAE | | | | | | |
| | | MUGILIDAE | | | | | BALISTIDAE | | | | | | |
| | | CALLIONYMIDAE | | | | | TETRAODONTIDAE | | | | | | |
| | | Gobiidae | | | | | UNIDENTIFIED | | | | | | |
| | | CEMPYLIDAE | | | | | | | | | | | |
| | | SCORPAENIDAE | | | | | | | | | | | |
| | | BALISTIDAE | | | | | | | | | | | |
| | | TETRAODONTIDAE | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |

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TABLE 3. (continued)

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| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | NO. PER 10 ² | |
|-------------|------------------|--------------------|--------------|--------|----------|----------------|--------------------|---------|----------|--------|----------------------|-------------------------|--|
| STA. NO. 4 | SPECIES ANALYZED | NUMBER | LENGTHS (MM) | MEAS. | NO. EGGS | NUMBER | LENGTHS (MM) | MEAS. | NO. EGGS | LARVAE | 10 ² EGGS | | |
| P. 5 | 0102 | TOTAL | MISS. | MEAN | RANGE | TOTAL | MISS. | MEAN | RANGE | | | | |
| | | SAMPLING DEPTH | | 0-15 M | | SAMPLING DEPTH | | 18-33 M | | | | | |
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TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | | |
|-------------|-------|-------------------------------|--|----------------------|----------------------|------|-----------------------|----------------------|--------------|--------|-------------|--------|--|
| 066 ? 1966 | | NUMBER | | LENGTHS (MM) | | NO. | NUMBER | | LENGTHS (MM) | | NO. | | |
| STA. | 0. M | SPECIES ANALYZED | | TOTAL MEAS. | MEAN RANGE MEAS. | EGGS | TOTAL MEAS. | MEAN RANGE MEAS. | EGGS | LARVAE | NO. PER 10M | 2 EGGS | |
| A 1 | 06 04 | | | SAMPLING DEPTH 0-6M | | | | | | | | | |
| | | CLUPPEA HARENGUS HARENGUS | | 6 | 6 34.7 21.1-39.9 TL | | | | | | 0.7 | | |
| | | GADUS MORHUA | | 1 | 1 6.2 NL | 0 | | | | | 0.1 | 0.0 | |
| | | AMMOCYTES SP. | | 13 | 13 15.3 8.2-28.7 TL | | | | | | 1.6 | | |
| | | ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | |
| | | | | COTTIDAE | | | | | | | | | |
| | | | | | | | | | | | | | |
| A 2 | 06 04 | | | SAMPLING DEPTH 0-15M | | | | | | | | | |
| | | CLUPPEA HARENGUS HARENGUS | | 7 | 7 35.0 30.0-38.4 TL | | | | | | 2.1 | | |
| | | GADUS MORHUA | | 6 | 6 5.9 4.3- 7.4 NL | 1 | | | | | 1.8 | 0.3 | |
| | | AMMOCYTES SP. | | 18 | 15 23.8 8.9-47.4 TL | | | | | | 5.5 | | |
| | | ADDITIONAL LARVAE CAUGHT | | SYNGNATHICAE | | | | | | | | | |
| | | | | BLENNIIDAE | | | | | | | | | |
| | | | | COTTIDAE | | | | | | | | | |
| | | | | | | | | | | | | | |
| A 3 | 06 04 | | | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | CLUPPEA HARENGUS HARENGUS | | 22 | 22 35.0 27.9-41.5 TL | | 2 | 2 31.5 31.1-31.9 TL | | 0 | 7.3 | | |
| | | GADUS MORHUA | | 1 | | 7 | | | | | 0.3 | 2.3 | |
| | | AMMOCYTES SP. | | 27 | 27 16.6 5.5-39.7 TL | | 20 | 19 15.0 5.6-28.7 TL | | | 14.8 | | |
| | | PSEUDOPLEURONECTES AMERICANUS | | 6 | 4 3.9 3.4- 4.2 SL | | | | | | 2.0 | | |
| | | ADDITIONAL LARVAE CAUGHT | | COTTIDAE | | | PHOLIDAE | | | | | | |
| | | | | | | | COTTIDAE | | | | | | |
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| A 4 | 06 04 | | | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | CLUPPEA HARENGUS HARENGUS | | 5 | 5 26.3 24.9-28.5 TL | | 6 | 6 32.9 30.3-37.6 TL | | 0 | 3.5 | | |
| | | GADUS MORHUA | | 3 | 3 5.2 4.6- 5.9 NL | 8 | | | | | 1.0 | 2.7 | |
| | | AMMOCYTES SP. | | 10 | 10 19.4 5.3-29.6 TL | | 35 | 35 21.5 10.9-34.4 TL | | | 14.7 | | |
| | | ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | BLENNIIDAE | | | | | | |
| | | | | COTTIDAE | | | PHOLIDAE | | | | | | |
| | | | | | | | COTTIDAE | | | | | | |
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| A 5 | 07 04 | | | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | CLUPPEA HARENGUS HARENGUS | | 1 | 1 29.5 TL | | 6 | 6 21.5 20.0-34.2 TL | | | 2.3 | | |
| | | AMMOCYTES SP. | | 1 | 1 18.5 TL | | 2 | 2 17.5 13.5-21.6 TL | | | 1.0 | | |
| | | ADDITIONAL LARVAE CAUGHT | | COTTIDAE | | | BLENNIIDAE | | | | | | |
| | | | | | | | COTTIDAE | | | | | | |
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| A 6 | 07 04 | | | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | AMMOCYTES SP. | | 5 | 5 22.3 15.5-35.5 TL | | | | | | 1.7 | | |
| | | | | | | | | | | | | | |
| A 7 | 07 04 | | | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | CLUPPEA HARENGUS HARENGUS | | 3 | 3 21.5 20.6-24.0 TL | | 4 | 4 32.8 32.1-33.9 TL | | 0 | 2.2 | | |
| | | GADUS MORHUA | | 1 | 1 29.9 SL | 0 | | | | | 0.3 | 0.0 | |
| | | AMMOCYTES SP. | | 73 | 70 20.6 13.4-21.3 TL | | 23 | 23 21.6 16.9-40.1 TL | | | 29.6 | | |
| | | ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | BLENNIIDAE | | | | | | |
| | | | | COTTIDAE | | | | | | | | | |
| | | | | UNIDENTIFIED | | | | | | | | | |
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| B 1 | 07 04 | | | SAMPLING DEPTH 0-6M | | | | | | | | | |
| | | AMMOCYTES SP. | | 11 | 10 13.9 6.8-26.0 TL | | | | | | 1.3 | | |
| | | PSEUDOPLEURONECTES AMERICANUS | | 6 | 4 4.1 3.5- 4.9 SL | | | | | | 0.7 | | |
| | | ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | |
| | | | | COTTIDAE | | | | | | | | | |
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| B 2 | 07 04 | | | SAMPLING DEPTH 0-15M | | | | | | | | | |
| | | GADUS MORHUA | | 5 | 2 5.9 4.3- 7.5 NL | 1 | | | | | 1.5 | 0.3 | |
| | | AMMOCYTES SP. | | 10 | 10 13.9 7.6-22.9 TL | | | | | | 3.0 | | |
| | | LEMANIA FERRUGINEA | | 7 | 7 3.7 3.5- 3.9 SL | | | | | | 2.1 | | |
| | | PSEUDOPLEURONECTES AMERICANUS | | 73 | 25 3.5 3.0- 4.2 SL | | | | | | 22.1 | | |
| | | ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | |
| | | | | COTTIDAE | | | | | | | | | |
| | | | | UNIDENTIFIED | | | | | | | | | |
| | | | | | | | | | | | | | |
| B 3 | 07 04 | | | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | FAHRELYOPUS CIMARRUS | | | | 0 | | | | 1 | 0.0 | 0.3 | |
| | | GADUS MORHUA | | 4 | 4 15.6 4.2-47.6 SL | 1 | 3 | 1 5.4 SL | | 0 | 2.2 | 0.3 | |
| | | LEMANIA FERRUGINEA | | | | 0 | | | | 1 | 0.0 | 0.3 | |
| | | AMMOCYTES SP. | | 4 | 4 14.2 12.8-15.7 TL | | 1 | 1 15.6 TL | | | 1.5 | | |
| | | CITHARICHTHYS ARCTIFRONS | | 1 | | | | | | | 0.3 | | |
| | | LEMANIA FERRUGINEA | | 4 | 3 3.8 3.5- 4.2 SL | | | | | | 1.3 | | |
| | | PSEUDOPLEURONECTES AMERICANUS | | 76 | 13 4.0 3.2- 5.4 SL | | | | | | 25.3 | | |
| | | ADDITIONAL LARVAE CAUGHT | | COTTIDAE | | | PHOLIDAE | | | | | | |
| | | | | UNIDENTIFIED | | | COTTIDAE | | | | | | |

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | ***** LARVAE ***** | | | | 2 | |
|-------------------------------|--|------------------------------|----|--------------|--------------|------------------------------|----|--------------|--------------|-------------|-----|
| 066 ? 1966 | | NUMBER | | LENGTHS (MM) | | NUMBER | | LENGTHS (MM) | | NO. PER 10M | |
| STA. D M SPECIES ANALYZED | | TOTAL MEAS. MEAN RANGE MEAS. | | MEAS. EGGS | | TOTAL MEAS. MEAN RANGE MEAS. | | MEAS. EGGS | | LARVAE | |
| R 4 C7 04 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| CLUPPEA HARENGUS HARENGUS | | 2 | 2 | 33.7 | 32.3-35.2 TL | | | | | 0.7 | |
| ENCYCLYOPUS CIMBRIUS | | | | | | | | | | 0.0 | 1.0 |
| GADUS MORHUA | | | | | | | | | | 0.0 | 4.3 |
| MELANOGRAMMUS AEGLEFINUS | | | | | | | | | | 0.0 | 1.3 |
| AMMODYTES SP. | | 6 | 6 | 19.6 | 14.2-23.5 TL | 3 | 3 | 21.2 | 18.1-25.9 TL | 2.8 | |
| ADDITIONAL LARVAE CAUGHT | | COTTIDAE | | | | COTTIDAE | | | | | |
| R 5 C7 04 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| ENCYCLYOPUS CIMBRIUS | | | | | | | | | | 0.0 | 0.6 |
| GADUS MORHUA | | | | | | | | | | 0.0 | 1.3 |
| MELANOGRAMMUS AEGLEFINUS | | | | | | | | | | 0.0 | 0.3 |
| POLLACHIUS VIRENS | | 1 | 1 | 8.7 | NL | | | | | 0.3 | 0.0 |
| AMMODYTES SP. | | 9 | 9 | 15.9 | 11.9-18.1 TL | 3 | 3 | 23.6 | 16.5-36.5 TL | 3.7 | |
| LIMANDA FERRUGINEA | | 1 | 1 | 6.4 | SL | | | | | 0.3 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | BLENNIIDAE | | | | | |
| R 6 C7 04 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| ENCYCLYOPUS CIMBRIUS | | | | | | | | | | 0.0 | 0.3 |
| GADUS MORHUA | | | | | | | | | | 0.0 | 0.3 |
| MELANOGRAMMUS AEGLEFINUS | | | | | | | | | | 0.0 | 0.3 |
| AMMODYTES SP. | | 11 | 11 | 18.4 | 13.6-22.5 TL | 12 | 12 | 15.5 | 10.5-20.5 TL | 7.3 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | COTTIDAE | | | | | |
| R 7 C7 04 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| CRATYSCOPULUS MAXIMIGI | | | | | | 21 | 21 | 3.3 | 2.4-6.1 SL | 7.0 | |
| AMMODYTES SP. | | 19 | 19 | 22.4 | 12.9-34.1 TL | 4 | 4 | 16.3 | 14.4-19.6 TL | 7.0 | |
| LIMANDA FERRUGINEA | | 2 | | | | | | | | 0.7 | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | UNIDENTIFIED | | | | | |
| C 1 CR 04 | | SAMPLING DEPTH 0-15M | | | | | | | | | |
| GADUS MORHUA | | | | | | | | | | 0.0 | 0.3 |
| AMMODYTES SP. | | 3 | 3 | 16.8 | 4.2-39.0 TL | | | | | 0.9 | |
| LIMANDA FERRUGINEA | | 19 | 16 | 4.0 | 2.9-5.3 SL | | | | | 5.8 | |
| PSEUDOPLEURONECTES AMERICANUS | | 7 | 6 | 3.7 | 3.3-4.2 SL | | | | | 2.1 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | |
| | | PHOLIDAE | | | | | | | | | |
| | | COTTIDAE | | | | | | | | | |
| C 2 CR 04 | | SAMPLING DEPTH 0-15M | | | | | | | | | |
| POLLACHIUS VIRENS | | 1 | 1 | 16.1 | SL | | | | | 0.3 | 0.0 |
| AMMODYTES SP. | | 6 | 6 | 37.8 | 31.5-42.8 TL | | | | | 1.8 | |
| LIMANDA FERRUGINEA | | 6 | 4 | 3.7 | 3.2-4.3 SL | | | | | 1.8 | |
| PSEUDOPLEURONECTES AMERICANUS | | 9 | 9 | 3.9 | 3.3-4.6 SL | | | | | 2.7 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | |
| | | PHOLIDAE | | | | | | | | | |
| | | COTTIDAE | | | | | | | | | |
| C 3 CR 04 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-24M | | | | | |
| CLUPPEA HARENGUS HARENGUS | | 1 | 1 | 34.0 | TL | | | | | 0.3 | |
| POLLACHIUS VIRENS | | 2 | 2 | 13.8 | 12.5-15.0 SL | 1 | 1 | 7.9 | NL | 0.8 | 0.0 |
| AMMODYTES SP. | | 3 | 3 | 25.6 | 9.1-34.6 TL | 5 | 5 | 27.2 | 9.2-34.0 TL | 1.7 | |
| LIMANDA FERRUGINEA | | 8 | 6 | 4.4 | 4.0-4.7 SL | 16 | 15 | 4.1 | 3.7-5.2 SL | 5.0 | |
| PSEUDOPLEURONECTES AMERICANUS | | 1 | 1 | 5.2 | SL | 11 | 10 | 4.1 | 3.4-4.9 SL | 2.1 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | BLENNIIDAE | | | | | |
| | | SCORPAENIDAE | | | | PHOLIDAE | | | | | |
| | | COTTIDAE | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | |
| C 4 CR 04 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| ENCYCLYOPUS CIMBRIUS | | | | | | 1 | 1 | 4.9 | NL | 0.3 | 0.0 |
| GADUS MORHUA | | | | | | 2 | 2 | 6.1 | 4.6-7.7 NL | 0.7 | 1.9 |
| POLLACHIUS VIRENS | | 1 | 1 | 4.6 | NL | | | | | 0.3 | 0.0 |
| AMMODYTES SP. | | | | | | 1 | 1 | 35.0 | TL | 0.3 | |
| LIMANDA FERRUGINEA | | 84 | 25 | 4.1 | 3.2-5.2 SL | 63 | 25 | 3.9 | 3.1-4.5 SL | 46.2 | |
| ADDITIONAL LARVAE CAUGHT | | COTTIDAE | | | | BLENNIIDAE | | | | | |
| C 5 CR 04 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| ENCYCLYOPUS CIMBRIUS | | | | | | 1 | 1 | 7.4 | SL | 0.3 | 0.0 |
| GADUS MORHUA | | | | | | 1 | 1 | 4.2 | SL | 0.3 | 1.9 |
| AMMODYTES SP. | | 2 | 2 | 25.5 | 22.5-28.6 TL | 2 | 2 | 15.8 | 17.7-21.9 TL | 1.3 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 1 | 1 | 6.4 | SL | | | | | 0.3 | |
| LIMANDA FERRUGINEA | | 75 | 24 | 4.1 | 3.3-5.2 SL | 75 | 25 | 4.4 | 3.5-6.2 SL | 47.5 | |

TABLE 3. (continued)

| CRUISE DATE STA. NO. SPECIES ANALYZED | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|--|----------------------|--------------|-------|-------|------|-----------------------|--------------|-------|-------|------|---------|------|
| | NUMEEF | LENGTHS (MM) | NO. | NO. | NO. | NUMBER | LENGTHS (MM) | NO. | NO. | NO. | PER 10M | EGGS |
| | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | LARVAE | EGGS |
| C 6 CR 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| GADUS MORHUA | 2 1 4.4 | SL | 3 | | | 1 1 4.6 | SL | 0 | | | 0.9 | 1.0 |
| AMMODYTES SP. | 1 1 19.2 | TL | | | | | | | | | 0.3 | |
| GLYPTOCEPHALLUS CYNOGLOSSUS | | | | | | 3 2 5.8 5.4-6.2 | SL | | | | 1.0 | |
| LIMANDA FERRUGINEA | 65 25 4.8 3.3-6.8 | SL | | | | 12 11 5.2 3.8-7.4 | SL | | | | 23.5 | |
| PSEUDOPLEURONECTES AMERICANUS | | | | | | 1 1 5.6 | SL | | | | 0.3 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | BLENNIOIDAE | | | | | | |
| C 7 CR 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| GADUS MORHUA | | | | | 1 | | | | 0 | | 0.0 | 0.3 |
| AMMODYTES SP. | 1 1 23.7 | TL | | | | | | | | | 0.3 | |
| LIMANDA FERRUGINEA | 2 1 5.7 | SL | | | | | | | | | 0.7 | |
| C 8 CR 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| AMMODYTES SP. | 2 2 17.9 16.3-19.6 | TL | | | | 2 2 25.3 22.3-28.4 | TL | | | | 1.3 | |
| C 1 CR 04 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| AMMODYTES SP. | 9 9 21.8 7.7-41.3 | TL | | | | | | | | | 1.0 | |
| PSEUDOPLEURONECTES AMERICANUS | 602 25 3.8 3.2-4.3 | SL | | | | | | | | | 23.0 | |
| ADDITIONAL LARVAE CAUGHT | SYNGNATHIDAE | | | | | | | | | | | |
| | PHOLIOAE | | | | | | | | | | | |
| | COTTIDAE | | | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | |
| C 2 CR 04 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| AMMODYTES SP. | 6 6 30.9 24.9-38.6 | TL | | | | | | | | | 0.7 | |
| GLYPTOCEPHALLUS CYNOGLOSSUS | 1 1 4.9 | SL | | | | | | | | | 0.1 | |
| LIMANDA FERRUGINEA | 2 2 4.2 3.4-5.0 | SL | | | | | | | | | 0.2 | |
| PSEUDOPLEURONECTES AMERICANUS | 210 25 3.7 3.2-4.3 | SL | | | | | | | | | 25.5 | |
| ADDITIONAL LARVAE CAUGHT | BLENNIOIDAE | | | | | | | | | | | |
| | PHOLIOAE | | | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | |
| C 3 CR 04 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| PACHYLOPLIS CIMBRIUS | | | | | 1 | | | | | | 0.0 | 0.3 |
| AMMODYTES SP. | 4 4 31.3 28.6-34.1 | TL | | | | | | | | | 1.2 | |
| LIMANDA FERRUGINEA | 15 13 3.6 2.9-4.3 | SL | | | | | | | | | 4.5 | |
| PSEUDOPLEURONECTES AMERICANUS | 9 9 3.8 2.9-4.6 | SL | | | | | | | | | 2.7 | |
| ADDITIONAL LARVAE CAUGHT | BLENNIOIDAE | | | | | | | | | | | |
| C 4 CR 04 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| GADUS MORHUA | 2 2 3.9 3.7-4.1 | SL | | | 6 | | | | | | 0.6 | 1.8 |
| LIMANDA FERRUGINEA | 14 13 4.3 3.5-5.7 | SL | | | | | | | | | 4.2 | |
| PSEUDOPLEURONECTES AMERICANUS | 7 6 5.3 4.8-6.0 | SL | | | | | | | | | 2.1 | |
| ADDITIONAL LARVAE CAUGHT | BLENNIOIDAE | | | | | | | | | | | |
| | PHOLIOAE | | | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | |
| C 5 CR 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| PACHYLOPLIS CIMBRIUS | 1 1 4.6 | SL | | | 1 | | | | 0 | | 0.3 | 0.3 |
| GADUS MORHUA | 3 3 5.2 4.8-5.9 | SL | | | 12 | 1 1 5.6 | SL | 12 | | | 1.2 | 7.6 |
| AMMODYTES SP. | 2 2 16.5 9.8-23.3 | TL | | | | | | | | | 0.7 | |
| LIPARIS TACILINUS | 1 1 44.6 | TL | | | | 1 1 3.8 | TL | | | | 0.6 | |
| GLYPTOCEPHALLUS CYNOGLOSSUS | | | | | | 1 1 4.7 | SL | | | | 0.3 | |
| LIMANDA FERRUGINEA | 30 26 4.0 2.7-5.8 | SL | | | | 17 13 3.8 3.0-4.8 | SL | | | | 14.7 | |
| PSEUDOPLEURONECTES AMERICANUS | | | | | | 2 2 4.6 4.3-4.9 | SL | | | | 0.7 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| C 6 CR 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| CLUPEA HARENCE HARENCE | 1 1 30.7 | TL | | | | | | | | | 0.3 | |
| GADUS MORHUA | | | | | 6 | 3 3 4.1 3.3-5.2 | SL | 3 | | | 1.0 | 2.8 |
| PHOLACHIUS VIRENS | | | | | 0 | 1 1 4.1 | SL | 0 | | | 0.3 | 0.0 |
| AMMODYTES SP. | 1 1 44.1 | TL | | | | | | | | | 0.3 | |
| GLYPTOCEPHALLUS CYNOGLOSSUS | | | | | | 2 2 5.0 4.6-5.4 | SL | | | | 0.7 | |
| LIMANDA FERRUGINEA | 59 25 4.3 3.3-6.3 | SL | | | | 47 25 3.6 2.7-5.6 | SL | | | | 33.4 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| C 7 CR 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| C 8 CR 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| BENTHOSEMA GLACIAE | | | | | | 2 2 6.5 6.1-6.9 | SL | | | | 0.7 | |
| ADDITIONAL LARVAE CAUGHT | PARALEPIDIDAE | | | | | UNIDENTIFIED | | | | | | |

| CRUISE DATE | | ***** LARVAE ***** | | | | | | ***** LARVAE ***** | | | | | | NO. PER 10 ⁴ EGGS | |
|-------------|-------|-------------------------------|----------------------|--------------|-------|--------------|-----------------------|--------------------|-------|------------|--------|------|--|------------------------------|--|
| STA. | D M | SPECIES ANALYZED | NUMBER | LENGTHS (MM) | MEAS. | NC. | NUMBER | LENGTHS (MM) | MEAS. | NO. EGGS | LARVAE | EGGS | | | |
| | | | TOTAL | MEAN | RANGE | MEAS. EGGS | TOTAL | MEAN | RANGE | MEAS. EGGS | | | | | |
| E 1 | 13 04 | | SAMPLING DEPTH 0-6M | | | | | | | | | | | | |
| | | POLLACHIUS VIRENS | 2 | 1 | 12.1 | SL | | | | | 0.2 | 0.0 | | | |
| | | AMMOYTES SP. | 20 | 20 | 36.7 | 21.3-45.5 TL | | | | | 2.4 | | | | |
| | | PSEUDOPLEURONECTES AMERICANUS | 13 | 13 | 4.4 | 3.9-4.9 SL | | | | | 1.6 | | | | |
| | | ADDITIONAL LARVAE CAUGHT | ANGUILLA RESTRATA | | | | | | | | | | | | |
| | | | BLENNIICAE | | | | | | | | | | | | |
| | | | PHOLIDAE | | | | | | | | | | | | |
| | | | COTTIDAE | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| E 2 | 13 04 | | SAMPLING DEPTH C-6M | | | | | | | | | | | | |
| | | AMMOYTES SP. | 26 | 26 | 37.5 | 22.2-48.2 TL | | | | | 3.2 | | | | |
| | | PSEUDOPLEURONECTES AMERICANUS | 34 | 25 | 4.2 | 3.2-5.4 SL | | | | | 4.1 | | | | |
| | | ADDITIONAL LARVAE CAUGHT | BLENNIICAE | | | | | | | | | | | | |
| | | | PHOLIDAE | | | | | | | | | | | | |
| | | | UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| E 3 | 22 04 | | SAMPLING DEPTH 0-15M | | | | | | | | | | | | |
| | | AMMOYTES SP. | 3 | 3 | 41.6 | 31.8-50.0 TL | | | | | 0.9 | | | | |
| | | ADDITIONAL LARVAE CAUGHT | ANGUILLA RESTRATA | | | | | | | | | | | | |
| | | | BLENNIICAE | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| F 4 | 22 04 | | SAMPLING DEPTH C-15M | | | | SAMPLING DEPTH 18-24M | | | | | | | | |
| | | ENCYCLYOPUS CIMBRIUS | 1 | 1 | 2.0 | SL | | | | 0 | 0.3 | 0.0 | | | |
| | | GADUS MORHUA | 5 | 4 | 4.0 | 3.4-4.8 SL | | | | 1 | 1.7 | 1.9 | | | |
| | | GLYPTOCEPHALUS CYNODONSSUS | 15 | 8 | 5.1 | 4.2-6.0 SL | | | | 10 | 5 | 5.5 | | | |
| | | LIMANDA FERRUGINEA | 353 | 25 | 3.8 | 2.7-5.3 SL | | | | 334 | 25 | 3.8 | | | |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | | |
| | | | Gobiidae | | | | | | | | | | | | |
| | | | UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| E 5 | 22 04 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-24M | | | | | | | | |
| | | GADUS MORHUA | | | | | | | | 1 | 0.2 | 0.2 | | | |
| | | AMMOYTES SP. | | | | | | | | 1 | 0.2 | | | | |
| | | GLYPTOCEPHALUS CYNODONSSUS | 2 | 2 | 6.0 | 5.9-6.0 SL | | | | 3 | 3 | 5.5 | | | |
| | | LIMANDA FERRUGINEA | 255 | 25 | 4.1 | 3.0-5.8 SL | | | | 240 | 25 | 4.6 | | | |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| E 6 | 22 04 | | SAMPLING DEPTH C-15M | | | | SAMPLING DEPTH 18-33M | | | | | | | | |
| | | ENCYCLYOPUS CIMBRIUS | | | | | | | | 1 | 0.3 | 0.0 | | | |
| | | GADUS MORHUA | | | | | | | | 1 | 0.3 | 0.0 | | | |
| | | LIMANDA FERRUGINEA | 59 | 25 | 3.8 | 3.0-5.6 SL | | | | 61 | 25 | 4.7 | | | |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | | |
| | | | UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| E 7 | 22 04 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | | | | |
| | | ENCYCLYOPUS CIMBRIUS | | | | | | | | 2 | 2 | 5.7 | | | |
| | | GLYPTOCEPHALUS CYNODONSSUS | | | | | | | | 28 | 24 | 4.3 | | | |
| | | LIMANDA FERRUGINEA | 17 | 17 | 4.8 | 3.3-7.7 SL | | | | | | | | | |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| E 9 | 22 04 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | | | | |
| | | ENCYCLYOPUS CIMBRIUS | 1 | | | | | | | | 0 | 0.3 | | | |
| | | LIMANDA FERRUGINEA | 1 | 1 | 6.1 | SL | | | | | 0.3 | 0.0 | | | |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| F 1 | 14 04 | | SAMPLING DEPTH C-6M | | | | | | | | | | | | |
| | | GLYPTOCEPHALUS CYNODONSSUS | 1 | 1 | 5.0 | SL | | | | | 0.1 | | | | |
| | | PSEUDOPLEURONECTES AMERICANUS | 199 | 25 | 4.2 | 3.0-5.6 SL | | | | | 24.1 | | | | |
| | | ADDITIONAL LARVAE CAUGHT | PHOLIDAE | | | | | | | | | | | | |
| | | | COTTIDAE | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| F 2 | 14 04 | | SAMPLING DEPTH 0-6M | | | | | | | | | | | | |
| | | ENCYCLYOPUS CIMBRIUS | 1 | 1 | 3.5 | SL | | | | | 0.1 | 0.0 | | | |
| | | AMMOYTES SP. | 4 | 4 | 29.1 | 25.8-31.0 TL | | | | | 0.5 | | | | |
| | | LIMANDA FERRUGINEA | 4 | 4 | 4.0 | 2.9-4.5 SL | | | | | 0.5 | | | | |
| | | PSEUDOPLEURONECTES AMERICANUS | 210 | 25 | 4.2 | 3.3-6.3 SL | | | | | 25.5 | | | | |
| | | ADDITIONAL LARVAE CAUGHT | BLENNIICAE | | | | | | | | | | | | |
| | | | COTTIDAE | | | | | | | | | | | | |
| | | | UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| F 3 | 14 04 | | SAMPLING DEPTH 0-15M | | | | | | | | | | | | |
| | | GADUS MORHUA | | | | | | | | 1 | 0.0 | 0.3 | | | |
| | | AMMOYTES SP. | 5 | 5 | 24.7 | 20.9-32.5 TL | | | | | 1.5 | | | | |
| | | PSEUDOPLEURONECTES AMERICANUS | 37 | 19 | 4.1 | 3.0-5.8 SL | | | | | 11.2 | | | | |
| | | ADDITIONAL LARVAE CAUGHT | BLENNIICAE | | | | | | | | | | | | |
| | | | PHOLIDAE | | | | | | | | | | | | |
| | | | UNIDENTIFIED | | | | | | | | | | | | |

TABLE 3. (Continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | | | | |
|-------------------------------|--|----------------------|----|--------------|------------|-----|-----------------------|----|--------------|----------|-----------|-------------|------|-----|--|--|
| NO. 3 1966 | | NUMBER | | LENGTHS (MM) | | NO. | NUMBER | | LENGTHS (MM) | | NO. | NO. PER 10M | EGGS | | | |
| STA. 74 SPECIES ANALYZED | | TOTAL MEAS. | | MEAN RANGE | | | TOTAL MEAS. | | MEAN RANGE | | | | | | | |
| F 4 14 04 | | SAMPLING DEPTH 0-15M | | | | | | | | | | | | | | |
| GADUS MORHUA | | 1 | 1 | 6.5 | | SL | 1 | | | | | 0.3 | 0.3 | | | |
| AMMODYTES SP. | | 5 | 5 | 37.3 | 33.7-44.0 | TL | | | | | | 1.5 | | | | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 1 | 1 | 5.6 | | SL | | | | | | 0.3 | | | | |
| LIMANDA FERRUGINEA | | 3 | 3 | 7.6 | 3.0- 4.0 | SL | | | | | | 0.9 | | | | |
| PSEUDOPLEURONECTES AMERICANUS | | 23 | 21 | 4.1 | 2.7- 6.5 | SL | | | | | | 7.0 | | | | |
| ADDITIONAL LARVAE CAUGHT | | PLENNIIDAE | | | | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | | | | |
| F 5 14 04 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | | | | |
| GADUS MORHUA | | | | | | | 5 | | | | 9 | 0.0 | 4.5 | | | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | | | | | | 2 | 2 | 4.6 | 4.7- 4.8 | SL | 0.7 | | | | |
| LIMANDA FERRUGINEA | | 8 | 7 | 3.7 | 3.4- 4.0 | SL | 33 | 25 | 4.1 | 3.5- 4.7 | SL | 13.4 | | | | |
| PSEUDOPLEURONECTES AMERICANUS | | | | | | | 3 | 3 | 5.7 | 4.5- 6.7 | SL | 1.0 | | | | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | | | | |
| F 6 14 04 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | | | | |
| GADUS MORHUA | | 1 | 1 | 12.2 | | SL | 2 | 1 | 1 | 4.3 | | 0 | 0.6 | 0.7 | | |
| AMMODYTES SP. | | 1 | 1 | 18.2 | | TL | | | | | | 0.3 | | | | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 1 | 1 | 6.0 | | SL | | 1 | 1 | 5.0 | | 0.6 | | | | |
| LIMANDA FERRUGINEA | | 73 | 25 | 4.7 | 3.7- 6.5 | SL | | 41 | 25 | 4.5 | 3.7- 7.1 | SL | 35.6 | | | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | | | | |
| F 7 14 04 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | | | | |
| AMMODYTES SP. | | | | | | | | 2 | 2 | 31.2 | 27.6-34.8 | TL | 0.7 | | | |
| LIMANDA FERRUGINEA | | 7 | 7 | 5.5 | 4.7- 6.2 | SL | | 18 | 17 | 5.7 | 4.8- 6.9 | SL | 8.1 | | | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | | | | | | |
| G 1 15 04 | | SAMPLING DEPTH 0- 6M | | | | | | | | | | | | | | |
| GADUS MORHUA | | 3 | 3 | 4.3 | 3.8- 4.6 | SL | 0 | | | | | 0.4 | 0.0 | | | |
| AMMODYTES SP. | | 3 | 3 | 23.6 | 28.5- 27.8 | TL | | | | | | 0.4 | | | | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 1 | 1 | 5.7 | | SL | | | | | | 0.1 | | | | |
| LIMANDA FERRUGINEA | | 3 | 3 | 3.6 | 2.9- 4.2 | SL | | | | | | 0.4 | | | | |
| PSEUDOPLEURONECTES AMERICANUS | | 108 | 25 | 4.2 | 2.9- 6.2 | SL | | | | | | 13.1 | | | | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | | | | | | |
| G 2 15 04 | | SAMPLING DEPTH 0- 6M | | | | | | | | | | | | | | |
| GADUS MORHUA | | | | | | | 1 | | | | | 0.0 | 0.1 | | | |
| POLLACHIUS VIRENS | | 1 | 1 | 21.4 | | SL | 0 | | | | | 0.1 | 0.0 | | | |
| AMMODYTES SP. | | 4 | 4 | 24.4 | 21.1-31.6 | TL | | | | | | 0.5 | | | | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 6 | 5 | 5.6 | 5.0- 6.2 | SL | | | | | | 0.7 | | | | |
| LIMANDA FERRUGINEA | | 1 | | | | | | | | | | 0.1 | | | | |
| PSEUDOPLEURONECTES AMERICANUS | | 115 | 25 | 4.2 | 3.2- 5.7 | SL | | | | | | 13.9 | | | | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | | | | |
| G 3 15 04 | | SAMPLING DEPTH 0-15M | | | | | | | | | | | | | | |
| GADUS MORHUA | | 3 | 2 | 5.8 | 4.2- 7.4 | NL | 2 | | | | | 0.9 | 0.6 | | | |
| LIMANDA FERRUGINEA | | 12 | 12 | 4.2 | 3.4- 5.0 | SL | | | | | | 3.6 | | | | |
| PSEUDOPLEURONECTES AMERICANUS | | 15 | 12 | 4.9 | 3.4- 6.2 | SL | | | | | | 4.5 | | | | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | | | | | | |
| | | PHOLIDAE | | | | | | | | | | | | | | |
| G 4 15 04 | | SAMPLING DEPTH 0-15M | | | | | | | | | | | | | | |
| GADUS MORHUA | | 2 | 2 | 4.5 | 4.1- 4.5 | SL | 12 | | | | | 0.6 | 3.6 | | | |
| AMMODYTES SP. | | 1 | 1 | 43.8 | | TL | | | | | | 0.3 | | | | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 3 | 2 | 4.7 | 4.7- 4.7 | SL | | | | | | 0.9 | | | | |
| LIMANDA FERRUGINEA | | 54 | 25 | 4.0 | 3.1- 5.5 | SL | | | | | | 16.4 | | | | |
| PSEUDOPLEURONECTES AMERICANUS | | 1 | 1 | 4.3 | | SL | | | | | | 0.3 | | | | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | | | | |
| G 5 15 04 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | | | | |
| AMMODYTES SP. | | 1 | 1 | 44.3 | | TL | | | | | | 0.3 | | | | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 13 | 5 | 5.6 | 5.5- 5.9 | SL | | 4 | 1 | 5.8 | | 5.2 | | | | |
| LIMANDA FERRUGINEA | | 38 | 25 | 4.3 | 3.5- 5.8 | SL | | 5 | 4 | 4.2 | 3.3- 4.6 | SL | 13.1 | | | |
| PSEUDOPLEURONECTES AMERICANUS | | 1 | 1 | 5.4 | | SL | | | | | | 0.3 | | | | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | | | | | | |
| G 6 14 04 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | | | | |
| AMMODYTES SP. | | 1 | 1 | 26.0 | | TL | | 1 | 1 | 32.6 | | 0.6 | | | | |
| LIMANDA FERRUGINEA | | | | | | | | 1 | 1 | 5.1 | | 0.3 | | | | |

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|-------------|-------------------------------|----------------------|--------------|-------|------------|------|-----------------------|--------------|-------|------------|------|-------------|------|
| NO. 3 1966 | | NUMBER | LENGTHS (MM) | | NO. | EGGS | NUMBER | LENGTHS (MM) | | NO. | EGGS | NO. PER 10M | |
| STA. | NO. SPECIES ANALYZED | TOTAL MEAS. | MEAN | RANGE | MEAS. | | TOTAL MEAS. | MEAN | RANGE | MEAS. | | LARVAE | EGGS |
| F 1 | 15 04 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | GLYPTOCEPHALUS CYNODGLOSSUS | 1 | | | | | | | | | | 0.1 | |
| | PSEUDOPLEURONECTES AMERICANUS | 10 | 9 | 5.0 | 3.4- 7.0 | SL | | | | | | 1.2 | |
| | | | | | | | | | | | | | |
| H 2 | 15 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | GADUS MORHUA | 1 | 1 | 3.5 | | SL | 0 | | | | | 0.3 | 0.0 |
| | AMMODYTES SP. | 1 | 1 | 32.0 | | TL | | | | | | 0.3 | |
| | GLYPTOCEPHALUS CYNODGLOSSUS | 1 | 1 | 5.1 | | SL | | | | | | 0.3 | |
| | PSEUDOPLEURONECTES AMERICANUS | 22 | 22 | 5.3 | 3.7- 7.0 | SL | | | | | | 6.7 | |
| | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| H 3 | 15 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | GADUS MORHUA | 2 | 1 | 3.5 | | SL | 2 | | | | | 0.6 | 0.6 |
| | AMMODYTES SP. | 1 | 1 | 30.4 | | TL | | | | | | 0.3 | |
| | GLYPTOCEPHALUS CYNODGLOSSUS | 1 | | | | | | | | | | 0.3 | |
| | LIMANDA FERRUGINEA | 3 | 2 | 3.6 | 3.5- 3.6 | SL | | | | | | 0.9 | |
| | PSEUDOPLEURONECTES AMERICANUS | 21 | 21 | 4.9 | 3.7- 6.7 | SL | | | | | | 6.4 | |
| | ADDITIONAL LARVAE CAUGHT | BLENNIIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| H 4 | 15 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | GADUS MORHUA | | | | | | | | | | | 0.0 | 1.8 |
| | LIMANDA FERRUGINEA | 3 | 3 | 5.7 | 3.9- 9.0 | SL | | | | | | 0.9 | |
| | PSEUDOPLEURONECTES AMERICANUS | 4 | 4 | 5.0 | 4.2- 6.0 | SL | | | | | | 1.2 | |
| | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| F 5 | 15 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | GADUS MORHUA | | | | | | 0 | | | 1 | | 0.0 | 0.2 |
| | AMMODYTES SP. | 1 | 1 | 40.2 | | TL | | | | | | 0.3 | |
| | GLYPTOCEPHALUS CYNODGLOSSUS | | | | | | 2 | 1 | 6.0 | | SL | 0.3 | |
| | LIMANDA FERRUGINEA | 51 | 25 | 4.5 | 3.5- 5.9 | SL | 93 | 25 | 4.0 | 2.9- 5.4 | SL | 30.7 | |
| | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |
| | | BLENNIIDAE | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| H 6 | 15 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | GADUS MORHUA | 1 | 1 | 5.9 | | SL | 0 | | | 0 | | 0.3 | 0.0 |
| | PELLAGIUS VIRENS | 1 | 1 | 27.5 | | SL | 0 | | | 0 | | 0.3 | 0.0 |
| | AMMODYTES SP. | 7 | 7 | 26.1 | 21.4- 37.5 | TL | | | | | | 3.1 | |
| | GLYPTOCEPHALUS CYNODGLOSSUS | 2 | 2 | 5.8 | 5.4- 6.2 | SL | 1 | | | | | 0.9 | |
| | LIMANDA FERRUGINEA | 51 | 25 | 4.8 | 3.4- 6.5 | SL | 41 | 6 | 5.6 | 3.9- 8.2 | SL | 29.0 | |
| | ADDITIONAL LARVAE CAUGHT | ANGUILLA FORSTRATI | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| H 7 | 15 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | AMMODYTES SP. | 23 | 21 | 29.6 | 22.2- 41.3 | TL | 2 | 2 | 29.0 | 26.0- 32.1 | TL | 7.7 | |
| | GLYPTOCEPHALUS CYNODGLOSSUS | | | | | | 1 | 1 | 5.6 | | SL | 0.3 | |
| | LIMANDA FERRUGINEA | 2 | 2 | 5.5 | 5.2- 5.7 | SL | 2 | 2 | 4.6 | 4.4- 4.8 | SL | 1.3 | |
| | ADDITIONAL LARVAE CAUGHT | TETRAODONTICAE | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| J 1 | 19 04 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | SCOPHTHALMUS AQUOSUS | 2 | 2 | 3.7 | 3.4- 3.9 | SL | | | | | | 0.2 | |
| | PSEUDOPLEURONECTES AMERICANUS | 1 | 1 | 8.2 | | SL | | | | | | 0.1 | |
| | | | | | | | | | | | | | |
| J 2 | 19 04 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | SCOPHTHALMUS AQUOSUS | 3 | 3 | 3.4 | 3.2- 3.9 | SL | | | | | | 0.4 | |
| | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| J 3 | 16 04 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | PERFORATA TYRANNUS | 1 | 1 | 29.4 | | TL | | | | | | 0.1 | |
| | AMMODYTES SP. | 1 | 1 | 35.5 | | TL | | | | | | 0.1 | |
| | | | | | | | | | | | | | |
| J 4 | 16 04 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | | | | | | | | | | | | | |
| J 5 | 16 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | GLYPTOCEPHALUS CYNODGLOSSUS | 3 | 3 | 5.6 | 5.2- 5.8 | SL | | | | | | 0.9 | |
| | LIMANDA FERRUGINEA | 3 | 2 | 4.8 | 4.2- 5.4 | SL | | | | | | 0.9 | |
| | | | | | | | | | | | | | |
| J 6 | 16 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | GADUS MORHUA | | | | | | 0 | | | | | 0.2 | 0.0 |
| | AMMODYTES SP. | 4 | 4 | 35.6 | 32.2- 39.5 | TL | | | | | | 1.3 | |
| | | | | | | | | | | | | | |
| J 7 | 16 04 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | AMMODYTES SP. | 6 | 6 | 28.7 | 25.9- 31.1 | TL | | | | | | 4.5 | |
| | GLYPTOCEPHALUS CYNODGLOSSUS | 1 | 1 | 5.4 | | SL | 1 | | | | | 0.6 | |
| | LIMANDA FERRUGINEA | 5 | 4 | 5.2 | 4.5- 6.0 | SL | | | | | | 1.7 | |

| COLLECTOR DATE | | ***** LARVAE ***** | | | | | ***** (LARVAE ***** | | | | | NO. PER 10M | |
|----------------|----------------------|----------------------------|--------------|-----|----------|----------------|---------------------|----------|--------|------|--|-------------|--|
| STA. | NO. SPECIES ANALYZED | NUMBER | LENGTHS (MM) | AC. | NO. EGGS | NUMBER | LENGTHS (MM) | NO. EGGS | LARVAE | EGGS | | | |
| K 1 | 19 04 | SAMPLING DEPTH | 0-6M | | | TOTAL MEAS. | MEAN RANGE | MEAS. | | | | | |
| K 1 | 19 04 | APOLYPTIA TYPANNUS | 2 | 2 | 27.3 | 25.3-29.3 | TL | | | | | 0.2 | |
| K 2 | 19 04 | SAMPLING DEPTH | 0-15M | | | | | | | | | | |
| K 3 | 19 04 | SAMPLING DEPTH | 0-15M | | | | | | | | | | |
| K 4 | 19 04 | SAMPLING DEPTH | 0-15M | | | | | | | | | | |
| K 4 | 19 04 | LIMANDA FERRUCINEA | 1 | 1 | 6.7 | | SL | | | | | 0.3 | |
| K 5 | 19 04 | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-24M | | | | | | |
| K 5 | 19 04 | ANNODITES SP. | 1 | 1 | 35.6 | | TL | | | | | 0.2 | |
| K 5 | 19 04 | GLYPTOCEPHALUS CYNOCLOSSUS | 2 | 2 | 5.8 | 4.6-6.5 | SL | | | | | 0.3 | |
| K 5 | 19 04 | LIMANDA FERRUCINEA | 4 | 4 | 5.5 | 5.2-5.7 | SL | | | | | 1.6 | |
| K 5 | 19 04 | ADDITIONAL LARVAE CAUGHT | ELLENIIDAE | | | | | | | | | | |
| K 6 | 19 04 | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | | |
| K 6 | 19 04 | LIMANDA FERRUCINEA | 4 | 4 | 5.9 | 5.4-6.2 | SL | | | | | 3.5 | |
| K 7 | 19 04 | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | | |
| K 7 | 19 04 | LIMANDA FERRUCINEA | 3 | 2 | 6.1 | 5.0-7.2 | SL | | | | | 1.0 | |
| L 1 | 20 04 | SAMPLING DEPTH | 0-6M | | | | | | | | | | |
| L 1 | 20 04 | APOLYPTIA TYPANNUS | 1 | 1 | 25.0 | | TL | | | | | 0.1 | |
| L 1 | 20 04 | SCOPHTHALMUS AQUINUS | 3 | 3 | 3.2 | 3.0-3.7 | SL | | | | | 0.4 | |
| L 2 | 20 04 | SAMPLING DEPTH | 0-6M | | | | | | | | | | |
| L 2 | 20 04 | SCOPHTHALMUS AQUINUS | 1 | 1 | 3.1 | | SL | | | | | 0.1 | |
| L 3 | 20 04 | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-24M | | | | | | |
| L 3 | 20 04 | SCOPHTHALMUS AQUINUS | 1 | 1 | 3.2 | | SL | | | | | 0.3 | |
| L 4 | 20 04 | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | | |
| L 4 | 20 04 | GLYPTOCEPHALUS CYNOCLOSSUS | 1 | 1 | 8.0 | | SL | | | | | 0.3 | |
| L 4 | 20 04 | LIMANDA FERRUCINEA | 1 | 1 | 3.8 | | SL | | | | | 0.3 | |
| L 5 | 20 04 | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | | |
| L 5 | 20 04 | LIMANDA FERRUCINEA | 1 | 1 | 11.2 | | SL | | | | | 0.3 | |
| K 1 | 20 04 | SAMPLING DEPTH | 0-6M | | | | | | | | | | |
| K 1 | 20 04 | APOLYPTIA TYPANNUS | 12 | 12 | 22.7 | 20.6-24.7 | TL | | | | | 1.5 | |
| K 1 | 20 04 | PERILUS TRIACANTHUS | 1 | 1 | 5.8 | | SL | | | | | 0.1 | |
| K 1 | 20 04 | SCOPHTHALMUS AQUINUS | 3 | 2 | 3.4 | 3.2-3.5 | SL | | | | | 0.4 | |
| K 2 | 20 04 | SAMPLING DEPTH | 0-6M | | | | | | | | | | |
| K 2 | 20 04 | SCOPHTHALMUS AQUINUS | 2 | 2 | 3.5 | 3.4-3.5 | SL | | | | | 0.2 | |
| K 3 | 20 04 | SAMPLING DEPTH | 0-6M | | | | | | | | | | |
| K 3 | 20 04 | POTENTILLUS CARLINUS | 1 | 1 | 7.5 | | SL | | | | | 0.1 | |
| K 3 | 20 04 | PARALICHTHYS ENTATUS | 2 | 2 | 8.4 | 8.2-8.7 | SL | | | | | 0.2 | |
| K 3 | 20 04 | ADDITIONAL LARVAE CAUGHT | SYNOCHIDAE | | | | | | | | | 0.0 | |
| K 3 | 20 04 | ADDITIONAL LARVAE CAUGHT | GOBIIDAE | | | | | | | | | | |

[illegible]

[illegible]

TABLE 3. (continued)

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| CRUISE DATE NO. 2 1966 STA. 04 SPECIES ANALYZED P. 5 21 04 | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | NO. PER 10M ² LARVAE |
|---|----------------------|--------------|-------|-------------|------|----------------------|--------------|-------|-------------|------|------------------------------------|
| | NUMBER | LENGTHS (MM) | NO. | MEAS. | EGGS | NUMBER | LENGTHS (MM) | NO. | MEAS. | EGGS | |
| | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | |
| | SAMPLING DEPTH | C-15M | | | | SAMPLING DEPTH | 18-33M | | | | |
| MYCTOPHIDAE | 2 | 2 | 4.1 | 4.0- 4.3 SL | | 4 | 4 | 4.0 | 3.7- 4.3 SL | | 1.9 |
| CERATOSCOPELUS MADRPENSIS | 3 | 3 | 6.0 | 5.0- 7.4 SL | | 28 | 28 | 5.6 | 3.6- 7.9 SL | | 1.0 |
| CERATOSCOPELUS WAKMINCI | 40 | 40 | 4.9 | 3.1- 7.9 SL | | 19 | 19 | 5.6 | 3.7- 5.3 SL | | 21.3 |
| DIAPHUS SP. | 6 | 6 | 4.9 | 4.3- 6.2 SL | | 2 | 2 | 4.7 | 4.7- 4.7 SL | | 8.1 |
| LAMFANYCTUS SP. | 2 | 2 | 3.1 | 3.1- 3.1 SL | | 2 | 2 | 5.5 | 5.3- 6.6 SL | | 1.3 |
| LAMFANYCTUS NERILIS | | | | | | 2 | 2 | 8.2 | 7.8- 8.6 SL | | 0.7 |
| LAMFADENA SP. | | | | | | 1 | 1 | 5.2 | | SL | 0.3 |
| MYCTOPHUM OPTUSIRIUSPIS | | | | | | 1 | 1 | 4.5 | | SL | 0.3 |
| MYCTOPHUM SELENDOS | | | | | | | | | | | 0.3 |
| MYCTOSCOPELUS SP. | 1 | 1 | 5.8 | | SL | | | | | | 0.3 |
| HEMANTHIA S. VI VANUS | | | | | | 4 | 4 | 3.3 | 3.2- 3.6 SL | | 1.3 |
| PLECTRANTHIAS GARKHPELLUS | | | | | | 2 | 2 | 4.0 | 3.8- 4.2 SL | | 0.7 |
| KATSUNONUS PELAMIS | 2 | 2 | 4.5 | 4.5- 4.6 SL | | | | | | | 0.7 |
| BETHEUS OCELLATUS | 4 | 4 | 9.3 | 3.3-19.5 SL | | 5 | 5 | 5.6 | 4.4- 6.9 SL | | 2.9 |
| SYACIUM PAPILLOSUM | 1 | 1 | 6.2 | | SL | | | | | | 0.3 |
| ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | |
| | CYCLOTHONE SP. | | | | | CYCLOTHONE SP. | | | | | |
| | VINCIGUERRIA SP. | | | | | STOMIATIDAE | | | | | |
| | PARALEPTIDAE | | | | | CHLOROPHTHALMIDAE | | | | | |
| | BREGMACETIDAE | | | | | PARALEPTIDAE | | | | | |
| | EXOCELTIDAE | | | | | SERRANIDAE | | | | | |
| | SERRANIDAE | | | | | GRAMMISTIDAE | | | | | |
| | GRAMMISTIDAE | | | | | CHAETODONTIDAE | | | | | |
| | CARANGIDAE | | | | | POMACENTRIDAE | | | | | |
| | CORDYPAENIDAE | | | | | LABRIDAE OR SCARIDAE | | | | | |
| | LABRIDAE OR SCARIDAE | | | | | GOBIIDAE | | | | | |
| | ACANTHURIDAE | | | | | ACANTHURIDAE | | | | | |
| | UNIDENTIFIED | | | | | SCORPAENIDAE | | | | | |
| | | | | | | UNIDENTIFIED | | | | | |

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|------------------------------|--|----------------------|----|------------------|-----------|------|-----------------------|----|------------------|----------|----------|---------|-----|
| NO. 5 1966 | | NUMBER | | LENGTHS (MM) | | NO. | NUMBER | | LENGTHS (MM) | | NO. | PER 10M | |
| STA. 04 SPECIES ANALYZED | | TOTAL MEAS. | | MEAN RANGE MEAS. | | EGGS | TOTAL MEAS. | | MEAN RANGE MEAS. | | EGGS | LARVAE | |
| A 1 12 05 | | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| CLUPPEA HARENGUS HARENGUS | | 2 | 2 | 36.2 | 25.8-36.7 | TL | | | | | | 0.2 | |
| GADUS MORPHUA | | 2 | 2 | 3.9 | 3.5-4.2 | SL | 0 | | | | | | 0.0 |
| AMMODYTES SP. | | 8 | 8 | 26.2 | 8.7-41.6 | TL | | | | | | 1.0 | |
| LIPARIS INQUILINUS | | 133 | 43 | 4.4 | 3.0-6.7 | TL | | | | | | 16.1 | |
| CITHARICHTHYS ARCTIFRONS | | 4 | | | | | | | | | | 0.5 | |
| LIMANDA FERRUGINEA | | 21 | 15 | 4.0 | 3.1-5.6 | SL | | | | | | 2.5 | |
| PSEUDOPLEURONCTES AMERICANUS | | 63 | 25 | 4.8 | 3.2-7.2 | SL | | | | | | 7.6 | |
| ADDITIONAL LARVAE CAUGHT | | OPHIIDIIDAE | | | | | | | | | | | |
| | | BLENNIIDAE | | | | | | | | | | | |
| | | STROMATEIDAE | | | | | | | | | | | |
| | | COTTIDAE | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| A 2 12 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| CLUPPEA HARENGUS HARENGUS | | 1 | 1 | 40.2 | | TL | | | | | | 0.3 | |
| ENCYCLOPUS CIMARRIUS | | | | | | | 1 | | | | | 0.0 | |
| GADUS MORPHUA | | | | | | | 0 | | | | | 0.0 | |
| AMMODYTES SP. | | 1 | 1 | 15.2 | | TL | | | | | | 0.3 | |
| SCOPARUS SCOPARUS | | | | | | | 0 | | | | 2 | 0.0 | |
| LIPARIS ATLANTICUS | | | | | | | 1 | 1 | 8.6 | | TL | 0.2 | |
| LIPARIS INQUILINUS | | 40 | 21 | 4.1 | 3.1-6.5 | TL | 51 | 25 | 4.8 | 3.2-6.9 | TL | 20.5 | |
| CITHARICHTHYS ARCTIFRONS | | 1 | | | | | | | | | | 0.3 | |
| HIPPOGLOSSOIDES PLATESSOIDES | | 2 | 2 | 7.6 | 7.2-8.0 | SL | | | | | | 0.6 | |
| LIMANDA FERRUGINEA | | 37 | 32 | 4.0 | 2.5-6.2 | SL | | | | | | 15.7 | |
| PSEUDOPLEURONCTES AMERICANUS | | 289 | 25 | 4.2 | 3.2-6.6 | SL | 176 | 25 | 4.6 | 3.3-7.8 | SL | 117.2 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | BLENNIIDAE | | | | | | |
| | | COTTIDAE | | | | | COTTIDAE | | | | | | |
| | | | | | | | | | | | | | |
| A 3 12 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| ENCYCLOPUS CIMARRIUS | | | | | | | 0 | | | | 1 | 0.0 | |
| GADUS MORPHUA | | | | | | | 0 | | | | 3 | 0.0 | |
| AMMODYTES SP. | | 1 | 1 | 21.4 | | TL | 1 | 1 | 24.7 | | TL | 0.6 | |
| LIPARIS INQUILINUS | | 12 | 9 | 5.3 | 4.1-7.9 | TL | 4 | 4 | 7.9 | 7.0-9.7 | TL | 4.9 | |
| CITHARICHTHYS ARCTIFRONS | | 1 | | | | | | | | | | 0.3 | |
| LIMANDA FERRUGINEA | | | | | | | 36 | 25 | 3.6 | 3.1-4.0 | SL | 12.0 | |
| PSEUDOPLEURONCTES AMERICANUS | | 58 | 25 | 3.8 | 2.9-5.1 | SL | 9 | 9 | 5.5 | 4.2-7.2 | SL | 20.4 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | BLENNIIDAE | | | | | | |
| | | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | |
| A 4 13 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| CLUPPEA HARENGUS HARENGUS | | 1 | 1 | 36.8 | | TL | | | | | | 0.3 | |
| GADUS MORPHUA | | 2 | 2 | 9.1 | 7.1-11.0 | SL | 0 | 10 | 10 | 5.8 | 5.1-7.0 | SL | 0.0 |
| MELANOGRAMMUS AEGLEFINUS | | 19 | 18 | 4.4 | 3.4-6.6 | SL | 0 | 3 | 3 | 4.5 | 4.2-4.9 | SL | 0.0 |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 11 | 6 | 5.4 | 4.3-7.2 | SL | | | | | | 8.6 | |
| HIPPOGLOSSOIDES PLATESSOIDES | | | | | | | 10 | 7 | 7.3 | 6.2-9.4 | SL | 3.3 | |
| LIMANDA FERRUGINEA | | 111 | 25 | 4.1 | 3.1-5.4 | SL | 76 | 25 | 4.0 | 3.1-5.1 | SL | 58.6 | |
| PSEUDOPLEURONCTES AMERICANUS | | 1 | 1 | 5.0 | | SL | 5 | 4 | 5.0 | 4.2-6.1 | SL | 2.0 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | ANGUILLA ROSTRATA | | | | | | |
| | | UNIDENTIFIED | | | | | BLENNIIDAE | | | | | | |
| | | | | | | | UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | |
| A 5 13 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| GADUS MORPHUA | | 2 | 2 | 5.1 | 3.9-6.3 | SL | 0 | 4 | 4 | 7.6 | 5.2-10.8 | SL | 0.0 |
| MELANOGRAMMUS AEGLEFINUS | | 14 | 14 | 5.4 | 3.9-7.5 | SL | 0 | 39 | 38 | 5.6 | 4.1-8.4 | SL | 0.0 |
| AMMODYTES SP. | | 1 | 1 | 37.8 | | TL | | | | | | 0.3 | |
| LIPARIS INQUILINUS | | 1 | 1 | 7.3 | | TL | | | | | | 0.3 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | | | | | | 45 | 29 | 5.5 | 4.2-7.0 | SL | 15.0 | |
| HIPPOGLOSSOIDES PLATESSOIDES | | 10 | 8 | 6.6 | 5.3-8.3 | SL | 12 | 9 | 8.6 | 6.7-13.1 | SL | 7.0 | |
| LIMANDA FERRUGINEA | | 28 | 27 | 4.5 | 3.3-6.3 | SL | 93 | 25 | 4.3 | 3.3-5.8 | SL | 35.4 | |
| ADDITIONAL LARVAE CAUGHT | | OPHIIDIIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| A 6 13 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| ENCYCLOPUS CIMARRIUS | | 1 | 1 | 2.0 | | SL | 0 | 1 | 1 | 2.0 | | 27 | 0.6 |
| GADUS MORPHUA | | 16 | 16 | 8.9 | 5.1-12.8 | SL | 0 | 9 | 9 | 7.6 | 5.8-9.2 | SL | 0.0 |
| MELANOGRAMMUS AEGLEFINUS | | 63 | 63 | 6.2 | 3.9-12.7 | SL | 0 | 57 | 56 | 6.4 | 3.9-11.9 | SL | 0.0 |
| POLLACHIUS VIRENS | | 2 | 2 | 9.5 | 9.5-9.5 | SL | 0 | | | | | 0 | 0.7 |
| AMMODYTES SP. | | 1 | 1 | 39.2 | | TL | | | | | | 0.3 | |
| LIPARIS INQUILINUS | | 3 | 2 | 8.8 | 7.8-9.8 | TL | | | | | | 1.0 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 34 | 31 | 5.1 | 3.8-5.9 | SL | 22 | 17 | 5.0 | 4.1-5.7 | SL | 17.5 | |
| HIPPOGLOSSOIDES PLATESSOIDES | | 22 | 15 | 9.4 | 5.1-16.4 | SL | 11 | 11 | 11.5 | 6.7-16.0 | SL | 10.3 | |
| LIMANDA FERRUGINEA | | 17 | 17 | 4.7 | 3.2-6.1 | SL | 16 | 16 | 4.3 | 3.3-5.4 | SL | 10.4 | |
| PSEUDOPLEURONCTES AMERICANUS | | 1 | 1 | 5.0 | | SL | | | | | | 0.3 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | UNIDENTIFIED | | | | | | |

TABLE 3. (continued)

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| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|------------------------------|--|----------------------|------|--------------|--------------|----------|-----------------------|------|--------------|--------------|----------|--------------|---------------------------|
| 066 5 1966 | | NUMBER | | LENGTHS (MM) | | NO. EGGS | NUMBER | | LENGTHS (MM) | | NO. EGGS | NO. LARVAE | PER 10M ² EGGS |
| STA. 04 SPECIES ANALYZED | | TOTAL MEAS. | MEAN | RANGE | MEAS. | | TOTAL MEAS. | MEAN | RANGE | MEAS. | | | |
| A 7 13 05 | | SAMPLING DEPTH C-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| MYCTOPHIDAE | | 5 | 5 | 4.3 | 3.7- 5.0 SL | | | | | | | 1.7 | |
| REITHOSEMA GLACIAE | | | | | | | 2 | 2 | 5.4 | 5.0- 5.8 SL | | 0.7 | |
| GADUS MORHUA | | 8 | 7 | 8.0 | 5.3-12.0 SL | 0 | 20 | 20 | 7.1 | 5.6-10.4 SL | 0 | 9.1 | 0.0 |
| MELANOGRAMMUS AEGLEFINUS | | 5 | 4 | 6.7 | 5.6- 8.5 SL | 0 | 27 | 26 | 7.1 | 4.6-11.0 SL | 0 | 10.5 | 0.0 |
| PELLACHTUS VIRENS | | | | | | 0 | 1 | 1 | 4.2 | | 0 | 0.3 | 0.0 |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 2 | 2 | 4.2 | 3.7- 4.7 SL | | 2 | 2 | 5.6 | 5.2- 5.9 SL | | 1.3 | |
| HIPPOGLOSSOIDES PLATESSOIDES | | 4 | 4 | 10.5 | 6.3-16.2 SL | | 7 | 6 | 11.4 | 9.3-13.5 SL | | 3.5 | |
| LIMANDA FERRUGINEA | | | | | | | 2 | 2 | 3.5 | 3.2- 4.6 SL | | 0.7 | |
| ADDITIONAL LARVAE CAUGHT | | SCORPAENIDAE | | | | | SCORPAENIDAE | | | | | UNIDENTIFIED | |
| | | | | | | | | | | | | | |
| P 1 13 05 | | SAMPLING DEPTH C-9M | | | | | | | | | | | |
| GADUS MORHUA | | 2 | 2 | 8.8 | 8.4- 9.1 SL | 0 | | | | | | 0.4 | 0.0 |
| UROPHYCTES CHUS | | 1 | 1 | 4.6 | | | | | | | | 0.2 | |
| MERLUCCIIUS BILINEAPIS | | 1 | 1 | 71.2 | | 0 | | | | | | 0.2 | 0.0 |
| AMMODYTES SP. | | 7 | 7 | 35.7 | 16.7-60.5 TL | | | | | | | 1.3 | |
| SCOMBER SCOMBRUS | | | | | | 109 | | | | | | 0.0 | 15.8 |
| LIPARIS INQUILINUS | | 69 | 63 | 4.4 | 3.3-10.0 TL | | | | | | | 12.5 | |
| PSEUDOPLEURONCTES AMERICANUS | | 71 | 25 | 7.3 | 6.0- 9.2 SL | | | | | | | 12.9 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | | COTTIDAE | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| P 2 13 05 | | SAMPLING DEPTH C-15M | | | | | | | | | | | |
| ENCYCLYOPUS CIMBRIUS | | 2 | 2 | 2.8 | 2.7- 2.8 SL | 0 | | | | | | 0.6 | 0.0 |
| GADUS MORHUA | | 9 | 7 | 14.2 | 7.0-40.0 SL | 0 | | | | | | 2.7 | 0.0 |
| AMMODYTES SP. | | 6 | 6 | 19.1 | 12.7-27.5 TL | | | | | | | 1.8 | |
| SCOMBER SCOMBRUS | | | | | | 153 | | | | | | 0.0 | 46.4 |
| LIPARIS INQUILINUS | | 13 | 11 | 5.1 | 3.5- 7.2 TL | | | | | | | 3.9 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 1 | 1 | 6.2 | | | | | | | | 0.3 | |
| LIMANDA FERRUGINEA | | 13 | 13 | 5.5 | 3.6- 8.5 SL | | | | | | | 3.9 | |
| PSEUDOPLEURONCTES AMERICANUS | | 4 | 4 | 6.7 | 6.1- 7.5 SL | | | | | | | 1.2 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | | | | | | COTTIDAE | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| P 3 13 05 | | SAMPLING DEPTH C-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| ENCYCLYOPUS CIMBRIUS | | 6 | 6 | 2.6 | 2.2- 2.8 SL | 0 | | | | | 0 | 2.0 | 0.0 |
| GADUS MORHUA | | 16 | 16 | 9.0 | 3.5-18.6 SL | 0 | 4 | 4 | 8.6 | 5.3-12.7 SL | 0 | 6.1 | 0.0 |
| MELANOGRAMMUS AEGLEFINUS | | 7 | 7 | 7.1 | 4.6-10.4 SL | 0 | 6 | 6 | 7.9 | 6.3- 9.9 SL | 0 | 4.1 | 0.0 |
| AMMODYTES SP. | | 3 | 3 | 19.8 | 18.7-21.2 TL | | | | | | | 1.0 | |
| SCOMBER SCOMBRUS | | | | | | 15 | | | | | 21 | 0.0 | 11.8 |
| LIPARIS INQUILINUS | | 24 | 20 | 5.2 | 3.8-10.0 TL | | | | | | | 8.0 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 27 | 25 | 5.6 | 4.3- 7.0 SL | | 18 | 12 | 5.7 | 4.7- 7.0 SL | | 14.1 | |
| HIPPOGLOSSOIDES PLATESSOIDES | | 2 | 2 | 8.7 | 7.9- 9.5 SL | | 2 | 2 | 12.1 | 11.9-12.2 SL | | 1.3 | |
| LIMANDA FERRUGINEA | | 69 | 25 | 4.2 | 2.7- 7.7 SL | | 69 | 25 | 4.9 | 3.3- 8.3 SL | | 43.7 | |
| PSEUDOPLEURONCTES AMERICANUS | | 1 | 1 | 6.4 | | | | | | | | 0.3 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | BLENNIIDAE | | | | | UNIDENTIFIED | |
| | | COTTIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| P 4 13 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| ENCYCLYOPUS CIMBRIUS | | 2 | 2 | 3.0 | 2.3- 3.7 SL | 13 | 2 | 2 | 2.4 | 2.4- 2.4 SL | 12 | 1.3 | 7.5 |
| GADUS MORHUA | | 1 | 1 | 8.6 | | 0 | 2 | 2 | 6.1 | 5.3- 6.8 SL | 0 | 1.0 | 0.0 |
| MELANOGRAMMUS AEGLEFINUS | | 1 | | | | 0 | | | | | 0 | 0.3 | 0.0 |
| SCOMBER SCOMBRUS | | | | | | 7 | | | | | 0 | 0.0 | 2.3 |
| LIPARIS INQUILINUS | | | | | | | 1 | 1 | 6.4 | | | 0.3 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 22 | 22 | 5.6 | 4.1- 7.7 SL | | 36 | 32 | 5.5 | 4.2- 7.2 SL | | 18.6 | |
| HIPPOGLOSSOIDES PLATESSOIDES | | 3 | 3 | 9.3 | 8.6-10.0 SL | | 5 | 4 | 10.2 | 7.7-12.5 SL | | 2.6 | |
| LIMANDA FERRUGINEA | | 67 | 25 | 6.0 | 4.1- 7.7 SL | | 84 | 25 | 5.8 | 4.1- 7.7 SL | | 48.1 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIDAE | | | | | BLENNIIDAE | | | | | UNIDENTIFIED | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| P 5 13 05 | | SAMPLING DEPTH C-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| ENCYCLYOPUS CIMBRIUS | | 1 | 1 | 1.8 | | 29 | 5 | 5 | 2.2 | 2.0- 2.4 SL | 29 | 2.0 | 18.4 |
| GADUS MORHUA | | | | | | 2 | 4 | 4 | 7.8 | 4.4-11.8 SL | 1 | 1.3 | 0.0 |
| MELANOGRAMMUS AEGLEFINUS | | | | | | 0 | 4 | 4 | 6.0 | 4.6- 7.8 SL | 0 | 1.3 | 0.0 |
| AMMODYTES SP. | | 1 | 1 | 30.0 | | | | | | | | 0.3 | |
| SCOMBER SCOMBRUS | | | | | | 0 | | | | | 3 | 0.0 | 1.0 |
| LIPARIS INQUILINUS | | 1 | 1 | 12.0 | | | 1 | 1 | 7.3 | | | 0.6 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 31 | 29 | 5.1 | 4.2- 6.5 SL | | 65 | 58 | 5.1 | 4.1- 6.2 SL | | 31.0 | |
| HIPPOGLOSSOIDES PLATESSOIDES | | 3 | 1 | 8.3 | | | 4 | 4 | 11.8 | 9.8-14.1 SL | | 2.2 | |
| LIMANDA FERRUGINEA | | 219 | 25 | 5.4 | 3.3- 7.8 SL | | 221 | 25 | 5.0 | 2.8- 8.2 SL | | 139.4 | |

TABLE 3. (continued)

[illegible]

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | | | | |
|------------------------------|--|----------------------|----|------------------|-----------|----------|-----------------------|----|------------------|----------|----------|--------------------|-------|-------|------|------|
| NO. 5 1966 | | NUMBER | | LENGTHS (MM) | | NO. EGGS | NUMBER | | LENGTHS (MM) | | NO. EGGS | NO. PER 10M LARVAE | EGGS | | | |
| STA. 04 SPECIES ANALYZED | | TOTAL MEAS. | | MEAN RANGE MEAS. | | | TOTAL MEAS. | | MEAN RANGE MEAS. | | | | | | | |
| C 8 14 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | | | | |
| BENTHOSOMA SP. | | 3 | 3 | 6.8 | 6.5-7.2 | SL | 1 | 1 | 5.5 | | SL | 0.3 | | | | |
| BENTHOSOMA GLACIAE | | | | | | | | | | | | 1.0 | | | | |
| EACHELYOPUS CIMBRIUS | | | | | | 0 | | | | | | 0.0 | 0.3 | | | |
| GADUS MORHUA | | | | | | 0 | 3 | 3 | 6.5 | 4.7-7.6 | SL | 0 | 0.0 | | | |
| MELANOGRAMMUS AEGLEFINUS | | | | | | 0 | 1 | 1 | 4.2 | | SL | 0 | 0.3 | | | |
| AMMOCTES SP. | | 2 | 2 | 36.1 | 33.3-39.0 | TL | 1 | 1 | 23.8 | | TL | 0.9 | C.C | | | |
| LIMANDA FERRUGINEA | | 4 | 4 | 7.6 | 6.0-9.4 | SL | 4 | 1 | 6.5 | | SL | 2.5 | | | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | MYCTOPHIDAE | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| F 1 16 05 | | SAMPLING DEPTH 0-6M | | | | | | | | | | | | | | |
| EACHELYOPUS CIMBRIUS | | 7 | 7 | 3.1 | 2.2-3.9 | SL | | | | | | 0.8 | 0.0 | | | |
| AMMOCTES SP. | | 1 | 1 | 11.0 | | NL | | | | | | 0.1 | | | | |
| SCOMBER SCOMBRUS | | | | | | 2752 | | | | | | 0.0 | 333.5 | | | |
| LIPARIS INQUILINUS | | 1 | 1 | 3.7 | | TL | | | | | | 0.1 | | | | |
| LIMANDA FERRUGINEA | | 11 | 10 | 5.0 | 3.7-6.2 | SL | | | | | | 1.3 | | | | |
| PSEUDOPLEURONCTES AMERICANUS | | 2 | 1 | 4.2 | | SL | | | | | | 0.2 | | | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | BLENNIIDAE | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| O 2 16 05 | | SAMPLING DEPTH 0-6M | | | | | | | | | | | | | | |
| EACHELYOPUS CIMBRIUS | | 11 | 11 | 3.2 | 2.2-5.4 | SL | | | | | | 1.3 | C.C | | | |
| SCOMBER SCOMBRUS | | | | | | 5235 | | | | | | 0.0 | 634.5 | | | |
| LIPARIS INQUILINUS | | 1 | 1 | 4.1 | | TL | | | | | | 0.1 | | | | |
| LIMANDA FERRUGINEA | | 176 | 25 | 5.5 | 3.9-8.1 | SL | | | | | | 21.3 | | | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | BLENNIIDAE | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| O 3 16 05 | | SAMPLING DEPTH 0-15M | | | | | | | | | | | | | | |
| EACHELYOPUS CIMBRIUS | | 4 | 4 | 3.1 | 2.4-3.9 | SL | | | | | | 1.2 | 2.1 | | | |
| AMMOCTES SP. | | 1 | 1 | 41.8 | | TL | | | | | | 0.3 | | | | |
| SCOMBER SCOMBRUS | | | | | | 750 | | | | | | 0.0 | 227.3 | | | |
| LIMANDA FERRUGINEA | | 207 | 25 | 5.1 | 3.9-6.7 | SL | | | | | | 62.7 | | | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | BLENNIIDAE | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| O 4 16 05 | | SAMPLING DEPTH 0-15M | | | | | | | | | | | | | | |
| EACHELYOPUS CIMBRIUS | | 20 | 17 | 3.6 | 3.0-4.2 | SL | | | | | | 6.1 | 2.4 | | | |
| GADUS MORHUA | | 1 | 1 | 5.4 | | SL | | | | | | 0.3 | 0.0 | | | |
| MELANOGRAMMUS AEGLEFINUS | | 1 | 1 | 6.2 | | SL | | | | | | 0.3 | 0.0 | | | |
| SCOMBER SCOMBRUS | | | | | | 66 | | | | | | 0.0 | 20.0 | | | |
| LIPARIS INQUILINUS | | 4 | 4 | 4.8 | 4.3-5.2 | TL | | | | | | 1.2 | | | | |
| LIMANDA FERRUGINEA | | 613 | 25 | 5.0 | 3.7-5.9 | SL | | | | | | 165.7 | | | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | BLENNIIDAE | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| O 5 16 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | | | | |
| EACHELYOPUS CIMBRIUS | | 12 | 12 | 4.3 | 3.3-9.5 | SL | | | 12 | 12 | 4.2 | 3.3-6.5 | SL | 0 | 5.6 | 0.0 |
| GADUS MORHUA | | 2 | 2 | 6.6 | 6.5-6.7 | SL | | | | | | | | 0 | 0.6 | 0.0 |
| SCOMBER SCOMBRUS | | | | | | 42 | | | | | | | | 29 | 0.0 | 17.6 |
| LIPARIS INQUILINUS | | | | | | | 1 | 1 | 4.6 | | | | | | 0.2 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 2 | 2 | 8.5 | 8.5-8.5 | SL | 2 | 1 | 8.3 | | | | | | 0.9 | |
| LIMANDA FERRUGINEA | | 624 | 25 | 4.8 | 3.9-5.7 | SL | 617 | 25 | 4.7 | 3.3-5.7 | SL | | | 251.3 | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | BLENNIIDAE | | | | | | | | | |
| | | | | | | | UNIDENTIFIED | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| O 6 17 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | | | | |
| EACHELYOPUS CIMBRIUS | | 2 | 2 | 3.7 | 3.5-3.9 | SL | | | 1 | 1 | 4.9 | | SL | 0 | 0.9 | 0.0 |
| GADUS MORHUA | | 3 | 3 | 6.7 | 4.3-9.2 | SL | | | | | | | | 0 | 1.0 | 0.0 |
| AMMOCTES SP. | | 2 | 2 | 32.5 | 31.0-34.0 | TL | | | | | | | | | 0.7 | |
| SCOMBER SCOMBRUS | | | | | | 6 | | | | | | | | 1 | 0.0 | 2.1 |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 6 | 5 | 6.7 | 5.7-7.7 | SL | 6 | 3 | 6.7 | 5.3-8.0 | SL | | | | 3.8 | |
| LIMANDA FERRUGINEA | | 471 | 25 | 5.2 | 3.4-6.7 | SL | 398 | 25 | 5.4 | 3.4-8.0 | SL | | | 273.9 | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | BLENNIIDAE | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| O 7 17 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | | | | |
| EACHELYOPUS CIMBRIUS | | | | | | 0 | 3 | 3 | 2.5 | 2.3-2.7 | SL | | | 0 | 1.0 | 0.0 |
| SCOMBER SCOMBRUS | | | | | | 2 | | | | | | | | 0 | 0.0 | 0.7 |
| GLYPTOCEPHALUS CYNOGLOSSUS | | | | | | | 2 | 1 | 7.7 | | | | | | 0.7 | |
| LIMANDA FERRUGINEA | | 126 | 25 | 5.1 | 3.4-6.7 | SL | 156 | 25 | 6.1 | 4.2-8.9 | SL | | | | 89.8 | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | UNIDENTIFIED | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| O 8 17 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | | | | |
| MYCTOPHIDAE | | | | | | | 1 | 1 | 5.1 | | | | | | 0.3 | |
| BENTHOSOMA SP. | | | | | | | 1 | 1 | 6.4 | | | | | | 0.3 | |
| EACHELYOPUS CIMBRIUS | | | | | | 1 | 1 | 1 | 2.4 | | | | | 0 | 0.3 | 0.3 |
| MELANOGRAMMUS AEGLEFINUS | | 1 | 1 | 9.1 | | SL | | | | | | | | 0 | 0.3 | C.C |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 2 | 1 | 6.3 | | SL | 2 | | | | | | | | 1.3 | |
| HIPPOGLOSSOIDES PLATESSOIDES | | | | | | | 1 | 1 | 10.0 | | | | | | 0.3 | |
| LIMANDA FERRUGINEA | | 38 | 25 | 7.3 | 4.7-11.2 | SL | 24 | 22 | 7.5 | 4.0-10.0 | SL | | | | 19.4 | |

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|-------------------------------|--|---------------------------------------|----|------|--------------|------|---------------------------------------|----|-----|-------------|------|-------------|--------|
| D 66 5 1966 | | NUMBER LENGTHS (MM) | | | | | NUMBER LENGTHS (MM) | | | | | AD. PEP LOM | |
| STA. D M SPECIES ANALYZED | | TOTAL MEAS. MEAN RANGE MEAS. NO. EGGS | | | | | TOTAL MEAS. MEAN RANGE MEAS. NO. EGGS | | | | | LARVAE EGGS | |
| F 1 13 05 | | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| ENCHELYPUS CIMBRIUS | | 1 | 1 | 21.2 | SL | 0 | | | | | | 0.1 | C.C |
| AMMOCYTUS SP. | | 2 | 2 | 40.4 | 31.9-48.5 TL | 1127 | | | | | | 0.2 | |
| SCOMBER SCOMBRUS | | | | | | | | | | | | 0.0 | 136.6 |
| SCOPHTHALMUS AQUINUS | | 3 | 3 | 2.8 | 2.7- 3.0 SL | | | | | | | 0.4 | |
| LIMANDA FERRUGINEA | | 2 | 2 | 5.3 | 4.9- 5.7 SL | | | | | | | 0.2 | |
| PSEUDOPLEURONECTES AMERICANUS | | 14 | 14 | 7.7 | 4.4- 8.9 SL | | | | | | | 1.7 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIAE | | | | | | | | | | | |
| | | STICHAETIDAE | | | | | | | | | | | |
| F 2 19 05 | | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| ENCHELYPUS CIMBRIUS | | 9 | 9 | 3.3 | 2.7- 4.0 SL | 0 | | | | | | 1.1 | C.C |
| SCOMBER SCOMBRUS | | | | | | 4378 | | | | | | 0.0 | 530.6 |
| SCOPHTHALMUS AQUINUS | | 1 | | | | | | | | | | 0.1 | |
| LIMANDA FERRUGINEA | | 56 | 25 | 6.3 | 4.6-11.5 SL | | | | | | | 6.8 | |
| PSEUDOPLEURONECTES AMERICANUS | | 2 | 2 | 7.9 | 7.0- 8.7 SL | | | | | | | 0.2 | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | | | |
| E 3 19 05 | | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| ENCHELYPUS CIMBRIUS | | 6 | 6 | 4.0 | 2.7- 7.2 SL | 1 | | | | | | 1.8 | C.C |
| GADUS MORHUA | | 2 | 2 | 7.8 | 7.5- 8.0 SL | 0 | | | | | | 0.6 | 0.0 |
| SCOMBER SCOMBRUS | | | | | | 241 | | | | | | 0.0 | 73.0 |
| LIPARIS INQUILINUS | | 4 | 4 | 4.7 | 3.9- 5.5 TL | | | | | | | 1.2 | |
| SCOPHTHALMUS AQUINUS | | 1 | 1 | 3.1 | SL | | | | | | | 0.3 | |
| LIMANDA FERRUGINEA | | 110 | 25 | 5.5 | 4.6- 6.4 SL | | | | | | | 33.3 | |
| F 4 17 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| ENCHELYPUS CIMBRIUS | | 6 | 6 | 3.0 | 2.2- 3.4 SL | 0 | 5 | 5 | 3.3 | 1.8- 5.2 SL | 2 | 3.3 | 0.3 |
| GADUS MORHUA | | 5 | 4 | 4.7 | 3.9- 5.6 SL | 2 | 1 | 1 | 5.1 | SL | 0 | 1.7 | C.C |
| SCOMBER SCOMBRUS | | | | | | 104 | | | | | 33 | 0.0 | 37.3 |
| LIPARIS INQUILINUS | | 4 | 3 | 5.6 | 5.4- 6.0 TL | | 4 | 4 | 6.3 | 5.2- 6.5 TL | | 1.9 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 3 | 3 | 5.3 | 5.1- 5.8 SL | | 9 | 4 | 5.5 | 4.9- 6.6 SL | | 2.4 | |
| LIMANDA FERRUGINEA | | 162 | 25 | 5.5 | 4.1- 7.4 SL | | 279 | 25 | 5.1 | 3.3- 6.7 SL | | 54.8 | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | ANGUILLA FOSTRATA | | | | | | |
| | | | | | | | BLENNIIAE | | | | | | |
| | | | | | | | UNIDENTIFIED | | | | | | |
| E 5 17 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| ENCHELYPUS CIMBRIUS | | 1 | 1 | 1.8 | SL | 1 | 1 | 1 | 2.8 | SL | 1 | 0.5 | C.C |
| SCOMBER SCOMBRUS | | | | | | 7 | | | | | 8 | 0.0 | 3.5 |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 2 | 1 | 7.1 | SL | | 1 | 1 | 8.8 | SL | | 0.8 | |
| LIMANDA FERRUGINEA | | 286 | 25 | 6.0 | 3.5- 9.2 SL | | 138 | 25 | 6.1 | 3.2- 8.9 SL | | 110.1 | |
| ADDITIONAL LARVAE CAUGHT | | BLENNIIAE | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| F 6 17 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| ENCHELYPUS CIMBRIUS | | 11 | 11 | 3.2 | 2.5- 3.8 SL | 0 | 12 | 12 | 3.2 | 2.5- 3.7 SL | 0 | 5.3 | C.C |
| SCOMBER SCOMBRUS | | | | | | 3 | | | | | 0 | 0.0 | 1.0 |
| GLYPTOCEPHALUS CYNOGLOSSUS | | 4 | 4 | 6.9 | 5.1- 9.6 SL | | 3 | 3 | 5.4 | 4.6- 6.1 SL | | 1.7 | |
| LIMANDA FERRUGINEA | | 191 | 25 | 4.2 | 2.9- 8.7 SL | | 109 | 25 | 4.2 | 2.8- 6.5 SL | | 76.3 | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| E 7 17 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-23M | | | | | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | UNIDENTIFIED | | | | | | |
| E 8 17 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-23M | | | | | | |
| ENCHELYPUS CIMBRIUS | | | | | | 1 | | | | | 3 | 0.0 | 1.2 |
| F 1 18 05 | | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| SCOMBER SCOMBRUS | | | | | | 249 | | | | | | 0.0 | 30.2 |
| SCOPHTHALMUS AQUINUS | | 62 | 59 | 2.9 | 2.1- 4.3 SL | | | | | | | 7.5 | |
| LIMANDA FERRUGINEA | | 1 | 1 | 4.5 | SL | | | | | | | 0.1 | |
| F 2 18 05 | | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| SCOMBER SCOMBRUS | | | | | | 413 | | | | | | 0.0 | 50.1 |
| SCOPHTHALMUS AQUINUS | | 40 | 33 | 3.1 | 2.4- 4.6 SL | | | | | | | 4.8 | |
| F 3 19 05 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| ENCHELYPUS CIMBRIUS | | 1 | 1 | 22.4 | SL | 0 | | | | | 0 | 0.3 | C.C |
| TALOGA ONITIS | | 1 | | | | | | | | | | 0.3 | |
| SCOMBER SCOMBRUS | | | | | | 2489 | | | | | 2168 | 0.0 | 1114.6 |
| SCOPHTHALMUS AQUINUS | | 4 | 4 | 2.7 | 2.5- 3.0 SL | | 2 | 2 | 3.1 | 2.8- 3.3 SL | | 1.6 | |
| LIMANDA FERRUGINEA | | 17 | 17 | 6.2 | 3.7- 9.9 SL | | 13 | 12 | 6.1 | 4.7- 6.9 SL | | 7.3 | |
| PSEUDOPLEURONECTES AMERICANUS | | 2 | 2 | 7.0 | 5.9- 8.1 SL | | | | | | | 0.6 | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | | | |

TABLE 3. (continued)

| CRUISE DATE STA. NO. SPECIES ANALYZED | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|--|---------------------------|--------------------|------|-------------|------------------|-----------------------|--------------------|------|------|---------|------|-------|
| | NUMBER | LENGTHS (MM) | NO. | NO. | NO. | NUMBER | LENGTHS (MM) | NO. | NO. | PER 10M | EGGS | EGGS |
| | TOTAL MEAS. | MEAN RANGE MEAS. | EGGS | TOTAL MEAS. | MEAN RANGE MEAS. | EGGS | EGGS | EGGS | EGGS | EGGS | EGGS | EGGS |
| H 1 19 05 | SAMPLING DEPTH 0-3M | | | | | | | | | | | |
| CYNOScion SP. | 2 | 2 2.7- 2.8 SL | | | | | | | | | 0.1 | |
| MENTICIRRHUS SP. | 4 | 4 2.8 2.5- 3.4 SL | | | | | | | | | 0.2 | |
| SCOMBER SCOMBRUS | | | 326 | | | | | | | | 0.0 | 15. E |
| PEPILUS TRIACANTHUS | 1 | 1 8.7 SL | | | | | | | | | 0.1 | |
| SCOPHTHALMUS AQUINUS | 47 | 42 3.3 2.4- 5.4 SL | | | | | | | | | 2.8 | |
| LIMANDA FERRUGINEA | 1 | 1 4.5 SL | | | | | | | | | 0.1 | |
| PELODOPLEURONCTES AMERICANA | 3 | 3 7.4 7.1- 7.7 SL | | | | | | | | | 0.2 | |
| ADDITIONAL LARVAE CAUGHT | STROMATEIDAE UNIDENTIFIED | | | | | | | | | | | |
| F 2 19 05 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| SCOMBER SCOMBRUS | | | 7E6 | | | | | | | | 0.0 | 238.2 |
| SCOPHTHALMUS AQUINUS | 102 | 50 3.3 2.3- 4.6 SL | | | | | | | | | 30.9 | |
| LIMANDA FERRUGINEA | 4 | 3 6.4 5.4- 7.2 SL | | | | | | | | | 1.2 | |
| PELODOPLEURONCTES AMERICANA | 8 | 7 6.7 3.7- 8.5 SL | | | | | | | | | 2.4 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |
| F 3 19 05 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| TAUTOGA ONITIS | 15 | 1 2.6 TL | | | | | | | | | 4.5 | |
| SCOMBER SCOMBRUS | | | 42 | | | | | | | | 0.0 | 12.7 |
| SCOPHTHALMUS AQUINUS | 60 | 46 2.9 2.3- 3.8 SL | | | | | | | | | 18.2 | |
| LIMANDA FERRUGINEA | 21 | 20 6.5 5.2- 8.8 SL | | | | | | | | | 6.4 | |
| PELODOPLEURONCTES AMERICANA | 1 | 1 6.2 SL | | | | | | | | | 0.3 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |
| H 4 20 05 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| EACHELYOPUS CIMARRUS | 3 | 3 3.7 3.2- 4.1 SL | 0 | | | | | | | | 0.9 | 0.0 |
| GADUS MORHA | 1 | 1 14.6 SL | 0 | | | | | | | | 0.3 | 0.0 |
| SCOMBER SCOMBRUS | | | 203 | | | | | | | | 0.0 | 61.5 |
| LIPARIS INQUILINUS | 1 | 1 8.6 TL | | | | | | | | | 0.3 | |
| SCOPHTHALMUS AQUINUS | 10 | 9 3.1 2.5- 4.1 SL | | | | | | | | | 3.0 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | 1 | 1 5.2 SL | | | | | | | | | 0.3 | |
| LIMANDA FERRUGINEA | 55 | 25 6.3 4.4- 7.5 SL | | | | | | | | | 16.7 | |
| F 5 20 05 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| EACHELYOPUS CIMARRUS | 1 | 1 3.4 SL | 0 | | | 3 | 2 3.4 3.2- 3.5 SL | 0 | | | 0.8 | 0.0 |
| MERLUCCIIUS BILINEARIS | | | 0 | | | | | 1 | | | 0.0 | 0.2 |
| SCOMBER SCOMBRUS | | | E3 | | | | | 108 | | | 0.0 | 43.0 |
| SCOPHTHALMUS AQUINUS | 4 | 4 3.1 3.0- 3.3 SL | | | | 7 | 7 3.0 2.8- 3.5 SL | | | | 2.4 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | 1 | 1 5.2 SL | | | | 2 | 2 5.6 5.4- 5.8 SL | | | | 0.6 | |
| LIMANDA FERRUGINEA | 64 | 25 5.9 3.5- 7.1 SL | | | | 33 | 22 5.4 2.9- 7.7 SL | | | | 25.0 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| F 6 20 05 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| EACHELYOPUS CIMARRUS | | | 0 | | | 1 | 1 3.7 SL | 0 | | | 0.3 | 0.0 |
| SCOMBER SCOMBRUS | | | 4 | | | | | 0 | | | 0.0 | 1.3 |
| SCOPHTHALMUS AQUINUS | 2 | | | | | | | | | | 0.7 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | 1 | 1 5.4 SL | | | | | | | | | 0.3 | |
| LIMANDA FERRUGINEA | 4 | 2 4.3 2.9- 5.7 SL | | | | 22 | 17 6.5 4.9- 7.5 SL | | | | 8.5 | |
| F 7 20 05 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| EACHELYOPUS CIMARRUS | 1 | 1 2.4 SL | 0 | | | | | 0 | | | 0.3 | 0.0 |
| LIMANDA FERRUGINEA | | | | | | 3 | | | | | 1.0 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| J 1 21 05 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| TAUTOGA ONITIS | 1 | 1 3.1 TL | | | | | | | | | 0.1 | |
| SCOMBER SCOMBRUS | | | 5 | | | | | | | | 0.0 | 0.6 |
| SCOPHTHALMUS AQUINUS | 9 | 8 4.0 2.7- 6.2 SL | | | | | | | | | 1.1 | |
| LIMANDA FERRUGINEA | 1 | | | | | | | | | | 0.1 | |
| ADDITIONAL LARVAE CAUGHT | SYNGNATHIDAE UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| J 2 21 05 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| PREVOORPIA TYRANNUS | 1 | 1 25.0 TL | | | | | | | | | 0.1 | |
| SCOMBER SCOMBRUS | | | 21 | | | | | | | | 0.0 | 2.5 |
| SCOPHTHALMUS AQUINUS | 41 | 40 3.5 2.7- 5.5 SL | | | | | | | | | 5.0 | |
| ADDITIONAL LARVAE CAUGHT | SYNGNATHIDAE | | | | | UNIDENTIFIED | | | | | | |
| J 3 21 05 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| PREVOORPIA TYRANNUS | 1 | 1 25.0 TL | | | | | | | | | 0.1 | |
| SCOMBER SCOMBRUS | 4 | 4 3.6 3.2- 4.3 SL | 15 | | | | | | | | 0.5 | 1.8 |
| SCOPHTHALMUS AQUINUS | 205 | 50 3.1 2.2- 4.8 SL | | | | | | | | | 24.8 | |
| LIMANDA FERRUGINEA | 2 | 2 8.9 8.7- 9.1 SL | | | | | | | | | 0.2 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |

| DATE | | LARVAE | | | | | LARVAE | | | | | NO. PER 10M | |
|------|-------|---------------------------------------|--------------|----------------|----------|--------|-----------------------|-------|--------------|-------------|-------------|-------------|--|
| STA. | TIME | NUMBER | LENGTHS (MM) | MEAS. | NO. EGGS | NUMBER | LENGTHS (MM) | MEAS. | NO. EGGS | NO. PER 10M | NO. PER 10M | | |
| | | TOTAL | MEAN | RANGE | | TOTAL | MEAN | RANGE | | LAFFVE | EGGS | | |
| J 4 | 20 05 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | 9 | 9 | 4.6 3.4-6.8 | SL | 79 | | | | 2.7 | 23.9 | | |
| | | 72 | 63 | 3.4 2.7-6.2 | SL | | | | | 21.8 | | | |
| | | 2 | 2 | 12.4 12.2-12.5 | SL | | | | | 0.6 | | | |
| | | 61 | 25 | 8.0 5.4-9.7 | SL | | | | | 18.5 | | | |
| | | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | |
| J 5 | 20 05 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | 1 | 1 | 3.7 | SL | 0 | | | | 0.3 | 0.0 | | |
| | | 5 | 5 | 3.3 3.1-3.6 | SL | 5 | | | | 1.5 | 1.5 | | |
| | | 22 | 21 | 3.2 2.7-5.0 | SL | | | | | 6.7 | 1.5 | | |
| | | 189 | 25 | 7.9 5.6-12.4 | SL | | | | | 57.0 | | | |
| | | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | |
| J 6 | 20 05 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | 1 | 1 | 4.1 | SL | 0 | | | | 0.3 | 0.0 | | |
| | | | | | | 4 | | | | 0.0 | 2.9 | | |
| | | 10 | 9 | 5.6 3.7-7.8 | SL | | 26 | 25 | 5.2 3.9-7.4 | SL | 11.7 | | |
| | | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| J 7 | 20 05 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | | | | | 4 | | | | 0.0 | 1.5 | | |
| | | | | | | | 2 | 2 | 3.1 2.9-3.3 | SL | 0.7 | | |
| | | 35 | 25 | 6.3 4.3-10.2 | SL | | 52 | 25 | 6.1 4.8-8.9 | SL | 27.8 | | |
| | | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| K 1 | 21 05 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | 1 | 1 | 26.0 | TL | | | | | 0.1 | | | |
| | | 2 | 2 | 13.1 12.1-14.2 | SL | | | | | 0.2 | | | |
| | | 9 | 9 | 4.4 3.9-5.4 | SL | 1 | | | | 1.1 | 0.1 | | |
| | | 35 | 28 | 3.6 2.6-5.8 | SL | | | | | 4.2 | | | |
| | | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | |
| K 2 | 21 05 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | 1 | 1 | 5.2 | TL | | | | | 0.1 | | | |
| | | 8 | 7 | 2.8 2.7-3.1 | TL | | | | | 1.0 | | | |
| | | 295 | 60 | 3.9 2.5-7.7 | SL | 0 | | | | 35.8 | 0.0 | | |
| | | 1 | 1 | 9.5 | SL | 0 | | | | 0.1 | 0.0 | | |
| | | 109 | 50 | 3.3 2.5-4.7 | SL | | | | | 13.2 | | | |
| | | 2 | 2 | 9.0 8.0-10.0 | SL | | | | | 0.2 | | | |
| | | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | |
| K 3 | 21 05 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | 2 | | | | | | | | 0.6 | | | |
| | | 218 | 57 | 4.3 2.8-8.1 | SL | 0 | | | | 66.1 | 0.0 | | |
| | | 1 | 1 | 3.1 | SL | | | | | 0.3 | | | |
| | | 34 | 20 | 4.2 2.8-6.1 | SL | | | | | 10.3 | | | |
| | | 5 | 5 | 14.6 11.9-17.6 | SL | | | | | 1.5 | | | |
| | | 13 | 13 | 8.4 6.7-10.7 | SL | | | | | 3.9 | | | |
| | | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | |
| K 4 | 22 05 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | | 2 | 2 | 4.2 3.5-4.9 | TL | | | | | 0.6 | | | |
| | | | | | | 0 | | | | 0.2 | 0.0 | | |
| | | 119 | 46 | 3.4 2.5-5.5 | SL | 0 | 11 | 7 | 3.5 3.1-4.9 | SL | 38.5 | | |
| | | 2 | 1 | 2.8 | SL | | 1 | 1 | 5.6 | SL | 0.8 | | |
| | | 3 | 2 | 10.2 9.6-10.7 | SL | | 1 | 1 | 5.0 | SL | 1.1 | | |
| | | 36 | 25 | 7.2 5.3-9.2 | SL | | 55 | 25 | 7.1 4.5-10.5 | SL | 19.9 | | |
| | | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | |
| K 5 | 22 05 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | | 1 | 1 | 3.3 | TL | | 4 | 4 | 4.0 3.5-5.2 | TL | 1.0 | | |
| | | 1 | 1 | 2.5 | NL | 0 | | | | 0.3 | 0.0 | | |
| | | 118 | 52 | 3.1 2.5-5.1 | SL | 0 | 53 | 38 | 3.2 2.5-5.4 | SL | 44.8 | | |
| | | 2 | | | | | | | | 0.6 | | | |
| | | 27 | 24 | 5.7 4.7-9.1 | SL | | 13 | 10 | 5.2 4.6-6.8 | SL | 10.4 | | |
| | | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| K 6 | 22 05 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | 1 | 1 | 2.9 | SL | 0 | | | | 0.3 | 0.0 | | |
| | | | | | | | 5 | 5 | 3.4 2.8-3.9 | NL | 1.7 | | |
| | | | | | | | 3 | 3 | 4.0 3.8-4.2 | SL | 1.0 | | |
| | | | | | | | 4 | 2 | 6.1 5.4-6.7 | SL | 1.3 | | |
| | | 20 | 17 | 5.9 4.5-8.0 | SL | | 66 | 25 | 7.0 4.2-13.2 | SL | 35.3 | | |
| | | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |

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| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|---------------------------------------|-----|--------------------|----------------|--------------|-------|----------------|--------------------|-------|---------|-------------|--------------|-------|-----|
| STA. | D 4 | SPECIES ANALYZED | NUMBER | LENGTHS (MM) | NO. | NUMBER | LENGTHS (MM) | NO. | PER 100 | EGGS | EGGS | EGGS | |
| | | | TOTAL MEAS. | MEAN | RANGE | MEAS. | MEAN | RANGE | MEAS. | EGGS | LARVAE | EGGS | |
| | | | SAMPLING DEPTH | 0-15M | | SAMPLING DEPTH | 18-33M | | | | | | |
| MYCTOPHIDAE | | | | | | | | | | | | | |
| PENTHOSOMA SP. | | | | | | | | | | | 0.3 | | |
| ENCYLYDOPUS CIMBRIUS | | | 1 | 1 | 2.6 | SL | | | | 0 | 0.3 | 0.0 | |
| SCOMBER SCOMBRUS | | | | | | | | | | 1 | 0.0 | 0.6 | |
| LIMANDA FERRUGINEA | | | 2 | 2 | 6.9 | 6.7- 7.0 SL | 7 | 6 | 6.6 | 6.0- 7.3 SL | 2.9 | | |
| | | | | | | | | | | | | | |
| SAMPLING DEPTH C- 6M | | | | | | | | | | | | | |
| ETRIMUS SADINA | | | 2 | 2 | 35.3 | 17.8-52.8 TL | | | | | 0.2 | | |
| URCHYCYIS SP. | | | 1 | 1 | 56.6 | SL | | | | | 0.1 | | |
| LEICHTHYS XANTHUMUS | | | 1 | 1 | 8.3 | SL | | | | | 0.1 | | |
| SCOMBER SCOMBRUS | | | 3 | 3 | 3.7 | 3.0- 4.2 SL | 0 | | | | 0.4 | 0.0 | |
| SCOPHTHALMUS AQUOSUS | | | 7 | 5 | 3.2 | 2.9- 3.7 SL | | | | | 0.8 | | |
| ADDITIONAL LARVAE CAUGHT SYNGNATHIDAE | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| SAMPLING DEPTH 0- 6M | | | | | | | | | | | | | |
| ETRIMUS SADINA | | | 1 | 1 | 26.0 | TL | | | | | 0.1 | | |
| TAUTOGA ONITIS | | | 4 | 4 | 3.0 | 2.4- 3.4 TL | | | | | 0.5 | | |
| SCOMBER SCOMBRUS | | | 93 | 82 | 3.8 | 2.6- 5.6 SL | 0 | | | | 11.3 | 0.0 | |
| PEPRILUS TRIACANTHUS | | | 4 | 4 | 6.1 | 3.8- 8.0 SL | | | | | 0.5 | | |
| SCOPHTHALMUS AQUOSUS | | | 21 | 20 | 3.7 | 2.4- 5.6 SL | | | | | 2.5 | | |
| ADDITIONAL LARVAE CAUGHT SYNGNATHIDAE | | | | | | | | | | | | | |
| ATHERINIDAE | | | | | | | | | | | | | |
| SYNGNATHIDAE | | | | | | | | | | | | | |
| SPARIDAE | | | | | | | | | | | | | |
| UNIDENTIFIED | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| SAMPLING DEPTH 0-15M | | | | | | | | | | | | | |
| ETRIMUS SADINA | | | | | | | | | | | 0.3 | | |
| ENCYLYDOPUS CIMBRIUS | | | | | | | | | | | 0.3 | 0.0 | |
| GADUS MORhua | | | 1 | 1 | 3.3 | SL | 0 | | | | 0 | 0.0 | |
| TAUTOGA ONITIS | | | 4 | 4 | 3.6 | 3.4- 4.0 TL | | | | | 3.2 | | |
| SCOMBER SCOMBRUS | | | 15 | 52 | 4.0 | 2.8- 5.5 SL | 0 | 158 | 56 | 3.9 | 2.7- 7.3 SL | 87.2 | 0.0 |
| PEPRILUS TRIACANTHUS | | | 1 | 1 | 5.2 | SL | | | | | 2.6 | | |
| PARALICHTHYS TENTATUS | | | | | | | 0 | 3 | 3 | 11.5 | 11.1-12.3 SL | 1.0 | 0.0 |
| SCOPHTHALMUS AQUOSUS | | | 36 | 35 | 4.2 | 2.9- 5.7 SL | | 32 | 29 | 4.5 | 2.8- 6.2 SL | 21.5 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | | | | | | | 2 | 2 | 12.8 | 10.9-14.6 SL | 0.7 | |
| LIMANDA FERRUGINEA | | | 2 | 2 | 10.2 | 9.6- 10.7 SL | | 2 | 2 | 9.0 | 9.0- 9.0 SL | 1.3 | |
| ADDITIONAL LARVAE CAUGHT CONGRIOAE | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| SAMPLING DEPTH 0-15M | | | | | | | | | | | | | |
| ETRIMUS SADINA | | | | | | | | | | | 0.7 | | |
| LOPHIUS AMERICANUS | | | 3 | 3 | 4.4 | 4.2- 4.6 TL | | 2 | 2 | 18.6 | 18.2-19.1 TL | 1.9 | |
| SCOMBER SCOMBRUS | | | 241 | 61 | 3.6 | 2.6- 6.8 SL | 0 | 33 | 30 | 3.6 | 2.6- 7.2 SL | 83.3 | 0.0 |
| PEPRILUS TRIACANTHUS | | | 15 | 15 | 5.9 | 3.4- 9.9 SL | | 25 | 25 | 5.3 | 2.3- 5.2 SL | 12.8 | |
| PARALICHTHYS TENTATUS | | | 1 | 1 | 6.4 | SL | 0 | 2 | 2 | 9.0 | 8.8- 9.3 SL | 1.0 | 0.0 |
| HIPPOTHECINUS OBLONGUS | | | 1 | 1 | 2.8 | SL | | | | | 0.3 | | |
| SCOPHTHALMUS AQUOSUS | | | 61 | 54 | 3.6 | 2.4- 5.7 SL | | 84 | 50 | 4.1 | 2.8- 6.2 SL | 46.3 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | | 2 | 2 | 7.2 | 7.0- 7.4 SL | | 19 | 19 | 12.5 | 7.5-22.3 SL | 6.9 | |
| LIMANDA FERRUGINEA | | | 3 | 3 | 9.4 | 7.0-12.0 SL | | 12 | 12 | 8.6 | 6.7-10.2 SL | 4.9 | |
| ADDITIONAL LARVAE CAUGHT SPARIDAE | | | | | | | | | | | | | |
| UNIDENTIFIED | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| SAMPLING DEPTH 0-15M | | | | | | | | | | | | | |
| LOPHIUS AMERICANUS | | | 1 | 1 | 4.3 | TL | | | | | 0.3 | | |
| ENCYLYDOPUS CIMBRIUS | | | | | | | 0 | 7 | 7 | 2.9 | 2.3- 3.4 SL | 2.3 | 0.0 |
| SCOMBER SCOMBRUS | | | 3 | 3 | 3.9 | 3.2- 4.4 SL | 0 | | | | 1.0 | 0.0 | |
| PEPRILUS TRIACANTHUS | | | | | | | | 1 | 1 | 6.1 | SL | 0.3 | |
| CITHARICHTHYS ARCTIFONS | | | | | | | | 1 | 1 | 8.7 | SL | 0.3 | |
| SCOPHTHALMUS AQUOSUS | | | 9 | 9 | 4.1 | 2.7- 5.4 SL | | 10 | 9 | 4.5 | 3.1- 5.8 SL | 6.0 | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | | | | | | | 5 | 4 | 10.3 | 7.5-12.3 SL | 1.7 | |
| LIMANDA FERRUGINEA | | | 45 | 25 | 6.6 | 4.2-10.9 SL | | 286 | 25 | 6.6 | 4.3-10.1 SL | 108.8 | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| SAMPLING DEPTH 0- 6M | | | | | | | | | | | | | |
| PEPRILUS TRIACANTHUS | | | 2 | 2 | 3.1 | 2.6- 3.6 SL | | | | | 0.2 | | |
| ADDITIONAL LARVAE CAUGHT SPARIDAE | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| SAMPLING DEPTH C- 6M | | | | | | | | | | | | | |
| PFIENOTUS CARLINUS | | | 6 | 6 | 2.5 | 2.0- 3.4 SL | | | | | 0.7 | | |
| ADDITIONAL LARVAE CAUGHT SPARIDAE | | | | | | | | | | | | | |
| UNIDENTIFIED | | | | | | | | | | | | | |

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| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | | |
|--------------------------|------------------------------------|------------------------|--------------|-------|----------|------|------------------------|--------------|-------|----------|------|--------|---------|
| NO | DATE | NUMBER | LENGTHS (MM) | | NO. | | NUMBER | LENGTHS (MM) | | NO. | | NO. | PER 10M |
| STA. | TIME | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | LARVAE | EGGS |
| SPECIES ANALYZED | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| 4 | 24 05 | | | | | | 1 | 1 | 21.0 | | | | 0.3 |
| | OPHICHTHUS GOMEST | | | | | | 1 | 1 | 10.2 | | | | 1.5 |
| | SARCIINELLA ANCHOVIA | 4 | 4 | 6.3 | 5.4- 7.4 | TL | 33 | 33 | 10.6 | 6.8-14.6 | TL | | 11.0 |
| | ANCHORA HEFSEYUS | | | | | | 9 | 9 | 5.4 | 6.5-12.2 | TL | | 3.0 |
| | ENGRAULIS FURCATA | | | | | | 1 | 1 | 8.9 | | SL | | 0.9 |
| | CRATOSCOPELUS MAJORENSIS | 2 | 2 | 8.7 | 7.8- 9.7 | SL | 1 | 1 | 5.2 | | SL | | 2.1 |
| | CRATOSCOPELUS HANMINGI | 6 | 6 | 6.8 | 5.7-10.4 | SL | 5 | 5 | 6.2 | 3.9- 7.5 | SL | | 2.3 |
| | CRATHEUS SP. | 2 | 2 | 4.2 | 3.5- 4.9 | SL | 1 | 1 | 4.5 | | SL | | 0.3 |
| | HYGROPHUM BENDITI | | | | | | 2 | 2 | 4.2 | 3.5- 4.9 | SL | | 0.7 |
| | LAMPANYCTUS ALATUS OR PHOTICOTILUS | | | | | | 1 | 1 | 5.8 | | SL | | 0.3 |
| | LAMPANYCTUS ATER | | | | | | 2 | 2 | 4.8 | 4.3- 5.3 | SL | | 0.7 |
| | MYCOTOPHUM AFFINE | | | | | | 1 | 1 | 8.2 | | SL | | 0.3 |
| | ACTISCOPELUS RESPLENDENS | | | | | | 4 | 2 | 2.5 | 2.2- 2.8 | NL | | 1.3 |
| | UROPHYCIS SP. | | | | | | 1 | 1 | 4.8 | | SL | | 0.3 |
| | HEMIRHAMPHUS VIVANUS | | | | | | | | | | | | 0.3 |
| | PERAMPHUS SALTATRIX | 1 | 1 | 5.1 | | SL | | | | | | | 0.3 |
| | LARIMUS FASCIATUS | 1 | 1 | 3.9 | | SL | | | | | | | 0.3 |
| | AUXIS SP. | 13 | 13 | 5.6 | 5.0- 7.6 | SL | 15 | 15 | 6.7 | 4.6- 9.5 | SL | | 8.9 |
| | FLITHYNNUS ALLETTI | 1 | 1 | 6.7 | | SL | 1 | 1 | 6.5 | | SL | | 0.6 |
| | SARPA SARPA | | | | | | 9 | | | | | 9 | 0.0 |
| | PERILUS TRIACANTHUS | 4 | 4 | 3.9 | 3.4- 4.5 | SL | 15 | 15 | 3.6 | 1.8- 4.9 | SL | | 6.2 |
| | BOTHUS OCELLATUS | 92 | 25 | 4.3 | 2.7- 6.7 | SL | 123 | 25 | 4.7 | 3.1- 6.7 | SL | | 68.6 |
| | CYCLOPSETTA FIMBRIATA | 2 | 2 | 4.1 | 4.0- 4.2 | SL | 2 | 2 | 5.5 | 4.2- 6.7 | SL | | 1.3 |
| | SYACIUM PAPILLOSUM | 94 | 25 | 3.8 | 2.5- 5.4 | SL | 106 | 25 | 3.6 | 2.6- 6.5 | SL | | 63.5 |
| | SYMPHYRUS SP. | 24 | 24 | 5.6 | 3.1-11.5 | SL | 97 | 93 | 5.7 | 3.2-14.2 | SL | | 39.5 |
| ADDITIONAL LARVAE CAUGHT | | MURAENIDAE | | | | | MURAENIDAE | | | | | | |
| | | CYCLOTHONE SP. | | | | | CYCLOTHONE SP. | | | | | | |
| | | SYNODONTIDAE | | | | | SYNODONTIDAE | | | | | | |
| | | LOPHIIFORMES | | | | | LOPHIIFORMES | | | | | | |
| | | OPHIIDIIDAE | | | | | OPHIIDIIDAE | | | | | | |
| | | CARANGIDAE | | | | | CARANGIDAE | | | | | | |
| | | HOLOCENTRIDAE | | | | | HOLOCENTRIDAE | | | | | | |
| | | CAPROIDAE | | | | | CAPROIDAE | | | | | | |
| | | FISTULARIIDAE | | | | | FISTULARIIDAE | | | | | | |
| | | SERRANIDAE | | | | | SERRANIDAE | | | | | | |
| | | APOGONIIDAE | | | | | APOGONIIDAE | | | | | | |
| | | CARANGIIDAE | | | | | CARANGIIDAE | | | | | | |
| | | CORYPHAENIDAE | | | | | CORYPHAENIDAE | | | | | | |
| | | SPARIDAE | | | | | SPARIDAE | | | | | | |
| | | POMACENTRIDAE | | | | | POMACENTRIDAE | | | | | | |
| | | LABRIDAE OR SCARIDAE | | | | | LABRIDAE OR SCARIDAE | | | | | | |
| | | BLENNIIDAE | | | | | BLENNIIDAE | | | | | | |
| | | CALLIONYMIDAE | | | | | CALLIONYMIDAE | | | | | | |
| | | COBIIDAE | | | | | COBIIDAE | | | | | | |
| | | TRICHIURIDAE | | | | | TRICHIURIDAE | | | | | | |
| | | STROMATEIDAE | | | | | STROMATEIDAE | | | | | | |
| | | SCORPAENIDAE | | | | | SCORPAENIDAE | | | | | | |
| | | TRIGLIDAE | | | | | TRIGLIDAE | | | | | | |
| | | CACTYLOPTERUS VOLITANS | | | | | CACTYLOPTERUS VOLITANS | | | | | | |
| | | BALISTIDAE | | | | | BALISTIDAE | | | | | | |
| | | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |

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TABLE 3. (continued)

| CRUISE DATE 066 5 1966 STA. 0 M P 5 24 05 | SPECIES ANALYZED | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | NO. PER 10M ² LARVAE EGGS | |
|--|----------------------------------|----------------------|--------------|-------|----------|------|----------------------|--------------|-------|----------|------|---|--|
| | | NUMBER | LENGTHS (MM) | NO. | | | NUMBER | LENGTHS (MM) | NO. | | | | |
| | | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | | |
| | | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-33M | | | | | |
| | AHLIA EGMONTIS | 1 | 1 | 77.5 | | | | | | | | 0.3 | |
| | ANCHOA HERSETTS | | | | | | 13 | 13 | 7.6 | 4.6-11.4 | TL | 4.3 | |
| | MYCTOPHIDAE | 1 | | | | | 3 | 3 | 3.9 | 3.7- 4.3 | SL | 1.3 | |
| | CERATOSCOPELUS MAHEFENSIS | 2 | 2 | 6.4 | 5.3- 7.5 | SL | 9 | 9 | 7.2 | 4.4-11.9 | SL | 3.6 | |
| | CERATOSCOPELUS WAKMINGI | 5 | 5 | 6.5 | 5.5- 7.5 | SL | 15 | 15 | 4.5 | 3.4- 7.4 | SL | 6.5 | |
| | DIAPHUS SP. | 6 | 6 | 5.6 | 4.1- 8.0 | SL | 27 | 27 | 4.7 | 3.5- 7.1 | SL | 10.8 | |
| | HYGOPHUM TANNINGI | 1 | 1 | 6.3 | | SL | | | | | | 0.3 | |
| | LAMFANYCTUS ALATUS OR PHOTONOTUS | | | | | | 1 | 1 | 3.4 | | SL | 0.3 | |
| | LAMFADENA SP. | | | | | | 1 | 1 | 5.4 | | SL | 0.3 | |
| | MYCTOPHUM SP. | | | | | | 2 | 2 | 4.9 | 4.6- 5.2 | SL | 0.7 | |
| | HEMANTHIS VIVANUS | | | | | | 2 | 2 | 4.1 | 3.6- 4.6 | SL | 0.7 | |
| | ALUIS SP. | 9 | 9 | 5.7 | 4.0-10.6 | SL | 11 | 11 | 4.7 | 3.8- 6.0 | SL | 6.4 | |
| | EUTHYNNUS ALLETTIEMATUS | 3 | 3 | 5.5 | 4.5- 7.4 | SL | 2 | 2 | 5.1 | 3.8- 6.4 | SL | 1.6 | |
| | KATSUONUS PELAMIS | 7 | 7 | 6.6 | 6.2- 7.1 | SL | 1 | 1 | 4.5 | | SL | 2.4 | |
| | SERIA SARCA | | | | | 0 | | | | | | 0.0 | |
| | SCOMBEROMORUS CAVALLA | 4 | 4 | 3.8 | 3.6- 4.2 | SL | 11 | 11 | 3.5 | 3.4- 4.8 | SL | 4.9 | |
| | THUNNUS ALBACARES | | | | | | 1 | 1 | 4.1 | | SL | 0.3 | |
| | THUNNUS ALBACAPES OR ALALUNGA | 1 | 1 | 5.3 | | SL | | | | | | 0.3 | |
| | THUNNUS OBESUS OR ATLANTICUS | 1 | 1 | 4.5 | | SL | | | | | | 0.3 | |
| | PEICNOTUS CAROLINUS | 1 | 1 | 5.5 | | SL | | | | | | 0.3 | |
| | RETHUS OCELLATUS | 16 | 16 | 5.8 | 3.0-13.7 | SL | 6 | 6 | 5.6 | 4.4- 7.6 | SL | 6.8 | |
| | ETROPUS MICROSTOMUS | 4 | 4 | 6.0 | 3.9- 8.3 | SL | | | | | | 1.3 | |
| | SYACIUM PAPILLOSUM | 10 | 10 | 4.3 | 2.6- 6.9 | SL | 14 | 14 | 3.8 | 2.2- 6.3 | SL | 7.7 | |
| | SYMPHURUS SP. | 4 | 4 | 3.8 | 3.3- 4.7 | SL | 6 | 5 | 4.6 | 3.1- 6.0 | SL | 3.2 | |
| ADDITIONAL LARVAE CAUGHT | | MURAENIDAE | | | | | ANGUILLIFORMES | | | | | | |
| | | OPHICHTHICAE | | | | | MURAENIDAE | | | | | | |
| | | SYNGONOTICAE | | | | | OPHICHTHICAE | | | | | | |
| | | LOPHIIFORMES | | | | | SYNGONOTICAE | | | | | | |
| | | BREGMACECTICAE | | | | | PARALEPIDIDAE | | | | | | |
| | | OPHIOTICAE | | | | | LOPHIIFORMES | | | | | | |
| | | HOLDCENTRICAE | | | | | OPHIOTIDAE | | | | | | |
| | | SERRANICAE | | | | | HOLDCENTRICAE | | | | | | |
| | | PRIACANTHICAE | | | | | SERRANIDAE | | | | | | |
| | | APOGONICAE | | | | | GRAMMISTICAE | | | | | | |
| | | CARANGICAE | | | | | PRIACANTHIDAE | | | | | | |
| | | CORYPHAENICAE | | | | | APOGONIDAE | | | | | | |
| | | CHAETODONTICAE | | | | | CARANGIDAE | | | | | | |
| | | POMACENTRICAE | | | | | SPARICAE | | | | | | |
| | | LABRIDAE OR SCARICAE | | | | | CHAETODONTICAE | | | | | | |
| | | BLENNIIDAE | | | | | POMACENTRICAE | | | | | | |
| | | CALLIONYMICAE | | | | | LABRIDAE OR SCARICAE | | | | | | |
| | | GOBIIDAE | | | | | MUGILIDAE | | | | | | |
| | | ACANTHURICAE | | | | | SPHYRAENICAE | | | | | | |
| | | CEMPYLICAE | | | | | CALLIONYMIDAE | | | | | | |
| | | SCORPAENIDAE | | | | | GOBIICAE | | | | | | |
| | | TRIGLICAE | | | | | ACANTHURICAE | | | | | | |
| | | BALISTICAE | | | | | SCORPAENICAE | | | | | | |
| | | UNIDENTIFIED | | | | | BALISTIDAE | | | | | | |

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|---------------------------------------|--|----------------------|------|--------------|--------------|----------|-----------------------|------|--------------|--------------|----------|----------------|----------|
| STA. NO. SPECIES ANALYZED | | NUMBER | | LENGTHS (MM) | | NO. EGGS | NUMBER | | LENGTHS (MM) | | NO. EGGS | NO. PER LARVAE | 10M EGGS |
| P. 6 19 06 | | TOTAL MEAS. | MEAN | RANGE | MEAS. | | TOTAL MEAS. | MEAN | RANGE | MEAS. | | | |
| ENCHELIOPODUS CIMBRIUS | | 319 | 40 | 3.3 | 1.5- 4.7 SL | E7 | 256 | 31 | 3.0 | 1.8- 4.7 SL | 97 | 1E1.0 | 58.4 |
| MERLUCCIIUS BILINEARIS | | 1 | 1 | 2.1 | NL | | 1 | 1 | 1.4 | NL | | 0.6 | |
| TALITOGOLABRUS AOSPHEUS | | 24 | 24 | 3.5 | 2.7- 4.6 NL | 0 | 60 | 60 | 3.7 | 2.9- 4.4 NL | 3 | 27.2 | 1.0 |
| SCOMBER SCOMBRUS | | 50 | 49 | 4.1 | 2.8- 5.5 TL | | 73 | 68 | 3.5 | 2.8- 5.2 TL | | 39.3 | |
| GLYPTOCEPHALUS CYNOCLOSSUS | | 121 | 64 | 4.2 | 2.6- 8.2 SL | 1 | 154 | 60 | 4.1 | 2.5- 8.3 SL | 0 | 87.6 | C.3 |
| LIMANDA FERRUGINEA | | 63 | 63 | 7.4 | 3.4-10.4 SL | | 64 | 59 | 6.8 | 3.4- 9.7 SL | | 40.2 | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | 342 | 25 | 6.2 | 4.2- 8.5 SL | | 274 | 25 | 5.3 | 3.3- 8.1 SL | | 153.9 | |
| BENTHOSOMA GLACIAE | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| CERATOSCOPELUS MAIERFENSIS | | | | | | | 2 | 2 | 5.7 | 8.4-11.1 SL | | 0.7 | |
| CERATOSCOPELUS WARMINGI | | | | | | 411 | 3 | 3 | 5.8 | 4.8- 7.7 SL | | 1.0 | |
| LOPHIUS AMERICANUS | | 2 | 2 | 4.4 | 4.4- 4.5 TL | | 1 | 1 | 4.3 | TL | | 0.0 | 137.0 |
| ENCHELIOPODUS CIMBRIUS | | 269 | 40 | 3.1 | 1.9- 4.3 SL | 12 | 291 | 36 | 3.0 | 1.7- 4.3 SL | 10 | 177.7 | 6.5 |
| MELANOGRAMMUS AEGLEFINUS | | 2 | 2 | 5.1 | 3.4- 6.6 NL | 0 | 1 | 1 | 12.6 | SL | 0 | 0.9 | 0.0 |
| MERLUCCIIUS BILINEARIS | | 1 | 1 | 3.1 | NL | 0 | | | | | 1 | 0.3 | C.3 |
| TALITOGOLABRUS AOSPHEUS | | 7 | 7 | 4.1 | 3.5- 4.7 TL | | 4 | 4 | 4.4 | 4.0- 5.0 TL | | 3.4 | |
| SCOMBER SCOMBRUS | | 49 | 48 | 3.9 | 2.6- 7.2 SL | 1 | 21 | 19 | 4.5 | 3.2- 6.3 SL | 1 | 21.7 | 0.6 |
| GLYPTOCEPHALUS CYNOCLOSSUS | | 14 | 13 | 9.8 | 8.1-11.8 SL | | 9 | 9 | 7.1 | 4.2- 8.3 SL | | 7.2 | |
| LIMANDA FERRUGINEA | | 112 | 25 | 6.5 | 4.1-10.6 SL | | 61 | 25 | 6.0 | 4.2-10.1 SL | | 53.9 | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| LOPHIUS AMERICANUS | | 9 | 9 | 5.5 | 4.3-10.5 TL | | | | | | | 2.7 | |
| ENCHELIOPODUS CIMBRIUS | | 8 | 7 | 4.8 | 3.3- 8.2 SL | 0 | | | | | | 2.4 | 0.0 |
| MERLUCCIIUS BILINEARIS | | 8 | 2 | 3.6 | 2.7- 4.5 NL | 0 | | | | | | 2.4 | C.0 |
| TALITOGOLABRUS AOSPHEUS | | 1 | 1 | 2.3 | TL | | | | | | | 0.3 | |
| SCOMBER SCOMBRUS | | 1 | 1 | 3.5 | SL | 0 | | | | | | 0.3 | C.0 |
| LIPARIS INQUILINUS | | 1 | 1 | 9.0 | TL | | | | | | | 0.3 | |
| LIMANDA FERRUGINEA | | 2 | 1 | 12.6 | SL | | | | | | | 0.6 | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-27M | | | | | | |
| LOPHIUS AMERICANUS | | 15 | 15 | 4.9 | 3.0-10.6 TL | | | | | | | 4.9 | |
| ENCHELIOPODUS CIMBRIUS | | 15 | 15 | 8.0 | 3.0-36.7 SL | 0 | 10 | 9 | 5.1 | 4.2- 6.7 SL | 0 | 6.8 | 0.0 |
| MERLUCCIIUS BILINEARIS | | | | | | 0 | 1 | 1 | 2.9 | NL | 0 | 0.2 | 0.0 |
| SCOMBER SCOMBRUS | | 13 | 13 | 9.3 | 6.3-12.1 SL | 4 | | | | | 0 | 4.3 | 1.3 |
| LIMANDA FERRUGINEA | | 3 | 2 | 5.7 | 5.0- 6.3 SL | | 43 | 25 | 5.2 | 6.7-12.2 SL | | 10.3 | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| LOPHIUS AMERICANUS | | 2 | 2 | 3.7 | 3.2- 4.3 TL | | | | | | | 0.7 | |
| ENCHELIOPODUS CIMBRIUS | | 116 | 28 | 8.0 | 3.4-31.2 SL | 0 | 25 | 22 | 6.1 | 3.1- 5.2 SL | 0 | 43.1 | C.0 |
| GADUS MORHUA | | 1 | | | | 0 | 3 | 3 | 14.7 | 11.9-17.4 SL | 0 | 1.3 | 0.0 |
| MERLUCCIIUS BILINEARIS | | 2 | 2 | 4.1 | 4.1- 4.2 NL | 0 | | | | | | 0.7 | 0.0 |
| TALITOGOLABRUS AOSPHEUS | | 13 | 13 | 4.3 | 3.5- 5.2 TL | | | | | | | 4.3 | |
| SCOMBER SCOMBRUS | | 195 | 1E1 | 6.8 | 4.1-13.0 SL | 2 | 2 | 2 | 5.5 | 5.4- 6.5 SL | 0 | 65.0 | 0.7 |
| SCOPHTHALMUS AQUOSUS | | 4 | 4 | 4.9 | 3.7- 6.1 SL | | | | | | | 1.3 | |
| GLYPTOCEPHALUS CYNOCLOSSUS | | 8 | 7 | 8.5 | 4.8-13.7 SL | | 5 | 4 | 12.2 | 10.4-13.7 SL | | 4.1 | |
| LIMANDA FERRUGINEA | | 57 | 25 | 9.8 | 5.5-14.6 SL | | 121 | 25 | 10.8 | 7.6-13.7 SL | | 57.4 | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| LOPHIUS AMERICANUS | | 6 | 6 | 4.7 | 3.8- 6.6 TL | | | | | | | 1.9 | |
| ENCHELIOPODUS CIMBRIUS | | 4 | 4 | 16.5 | 4.7-21.7 SL | 0 | | | | | | 1.3 | 0.0 |
| GADUS MORHUA | | 5 | 5 | 12.9 | 6.5-19.2 SL | 0 | 1 | 1 | 14.4 | SL | 0 | 1.7 | 0.0 |
| SCOMBER SCOMBRUS | | 6 | 6 | 13.3 | 12.0-14.6 SL | 0 | | | | | | 1.9 | C.0 |
| GLYPTOCEPHALUS CYNOCLOSSUS | | 2 | 2 | 13.7 | 9.6-17.7 SL | | 6 | 5 | 5.0 | 6.6-10.7 SL | | 1.6 | |
| LIMANDA FERRUGINEA | | 75 | 25 | 12.3 | 5.8-16.8 SL | | 100 | 25 | 11.6 | 5.9-15.2 SL | | 39.2 | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| LOPHIUS AMERICANUS | | 4 | 4 | 5.4 | 4.6-11.8 TL | | 1 | 1 | 11.0 | TL | | 1.5 | |
| ENCHELIOPODUS CIMBRIUS | | 2 | 2 | 12.5 | 2.8-22.2 SL | 0 | 11 | 11 | 6.2 | 3.3-15.1 SL | 0 | 4.3 | 0.0 |
| GADUS MORHUA | | 1 | 1 | 17.2 | SL | 0 | 2 | 2 | 12.3 | 8.4-16.1 SL | 0 | 1.0 | C.0 |
| SCOMBER SCOMBRUS | | 27 | 27 | 13.0 | 6.5-18.9 SL | 0 | 1 | 1 | 7.1 | SL | 0 | 9.0 | 0.0 |
| LIPARIS INQUILINUS | | | | | | | 1 | 1 | 4.0 | TL | | 0.3 | |
| GLYPTOCEPHALUS CYNOCLOSSUS | | 4 | 4 | 10.5 | 8.7-14.2 SL | | 19 | 19 | 10.4 | 6.7-17.1 SL | | 7.5 | |
| LIMANDA FERRUGINEA | | 148 | 25 | 12.0 | 5.6-19.6 SL | | 326 | 25 | 10.4 | 4.7-15.4 SL | | 153.1 | |

TABLE 3. (continued)

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| CRUISE DATE 066 7 1966 STA. 0 M SPECIES ANALYZED C 6 19 06 | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|---|------------------------------|--------------|-----|------|--|------------------------------|--------------|-----|------|--|--------------------------|------|
| | NUMBER | LENGTHS (MM) | NO. | EGGS | | NUMBER | LENGTHS (MM) | NO. | EGGS | | NO. PER 10M ² | EGGS |
| TOTAL MEAS. MEAN RANGE MEAS. | TOTAL MEAS. MEAN RANGE MEAS. | | | | | TOTAL MEAS. MEAN RANGE MEAS. | | | | | LARVAE | |
| SAMPLING DEPTH 0-15M | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| BENTHOSEMA GLACIALE | 3 2 6.6 6.5- 6.7 SL | | | | | | | | | | 1.0 | |
| LEPIDIUS AMERICANUS | 1 1 5.8 TL | | | | | | | | | | 0.3 | |
| FAEELIYOPUS CIMBRILUS | 21 21 9.7 7.7-25.8 SL | 0 | | | | 36 36 5.0 2.4-12.6 SL | 0 | | | | 18.3 | 0.0 |
| GADUS MORHUA | | 0 | | | | 2 2 10.3 9.2-11.3 SL | 0 | | | | 0.7 | C.C |
| MERLUCCIIUS BILINEARIS | 1 1 5.2 NL | 0 | | | | 5 5 5.7 5.1- 6.3 NL | 0 | | | | 2.0 | 0.0 |
| TAUTOGADARPIUS ADSPERSUS | | | | | | 1 1 5.0 TL | | | | | 0.3 | |
| SCOMBER SCOMBRUS | 29 28 11.2 5.1-18.0 SL | 0 | | | | 3 3 6.2 4.2- 8.3 SL | 0 | | | | 9.7 | C.C |
| SCOPHTHALMUS AQUOSUS | | | | | | 1 | | | | | 0.3 | |
| GLYPTOCEPHALUS CYNODLOSSUS | 3 3 5.5 4.3- 6.6 SL | | | | | 23 23 7.4 4.6-19.7 SL | | | | | 8.6 | |
| LIMANDA FERRUGINEA | 89 25 11.9 4.2-17.8 SL | | | | | 363 25 7.4 3.9-16.0 SL | | | | | 147.7 | |
| ADDITIONAL LARVAE CAUGHT | | | | | | UNIDENTIFIED | | | | | | |
| C 7 19 06 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| BENTHOSEMA GLACIALE | 15 15 6.5 5.0- 7.5 SL | | | | | 1 1 4.9 SL | | | | | 5.0 | |
| FAEELIYOPUS CIMBRILUS | 16 16 7.0 2.2-23.3 SL | 0 | | | | 1 1 6.4 SL | 0 | | | | 5.3 | 0.0 |
| GADUS MORHUA | 1 1 8.4 SL | 0 | | | | | 0 | | | | 0.3 | C.C |
| MERLUCCIIUS BILINEARIS | 4 3 6.3 5.8- 6.9 NL | 0 | | | | | 0 | | | | 1.3 | 0.0 |
| SCOMBER SCOMBRUS | 26 26 9.8 3.9-17.6 SL | 0 | | | | 2 2 10.8 5.2-16.5 SL | 0 | | | | 8.7 | 0.0 |
| GLYPTOCEPHALUS CYNODLOSSUS | 5 5 11.5 8.0-19.5 SL | | | | | 3 1 17.0 SL | | | | | 2.5 | |
| LIMANDA FERRUGINEA | 242 25 9.4 4.9-18.7 SL | | | | | 37 25 10.6 4.4-17.8 SL | | | | | 64.9 | |
| ADDITIONAL LARVAE CAUGHT | | | | | | MYCTOPHIDAE | | | | | | |
| C 8 19 06 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| LEPIDIUS AMERICANUS | 1 1 6.1 TL | | | | | 1 1 5.3 TL | | | | | 0.6 | |
| FAEELIYOPUS CIMBRILUS | | 1 | | | | 1 1 6.6 SL | 1 | | | | 0.3 | 0.6 |
| MERLUCCIIUS BILINEARIS | 2 2 4.5 4.7- 5.1 NL | 4 | | | | | 1 | | | | 0.7 | 1.5 |
| SCOMBER SCOMBRUS | 71 71 5.8 4.5-13.4 SL | 0 | | | | | 0 | | | | 23.7 | 0.0 |
| GLYPTOCEPHALUS CYNODLOSSUS | 1 1 12.0 SL | | | | | 1 1 12.5 SL | | | | | 0.6 | |
| LIMANDA FERRUGINEA | 10 10 9.1 5.5-13.2 SL | | | | | 6 6 6.3 4.9- 8.4 SL | | | | | 5.0 | |
| ADDITIONAL LARVAE CAUGHT | MYCTOPHIDAE | | | | | UNIDENTIFIED | | | | | | |
| C 1 20 06 | SAMPLING DEPTH 0- 6M | | | | | | | | | | | |
| LEPIDIUS AMERICANUS | 2 2 5.3 5.3- 5.3 TL | | | | | | | | | | 0.2 | |
| FAEELIYOPUS CIMBRILUS | 15 14 3.1 1.5- 7.1 SL | 0 | | | | | | | | | 1.8 | 0.0 |
| TAUTOGADARPIUS ADSPERSUS | 4 3 2.0 1.9- 2.1 TL | | | | | | | | | | 0.5 | |
| SCOPHTHALMUS AQUOSUS | 8 8 2.8 2.1- 4.1 SL | | | | | | | | | | 1.0 | |
| ADDITIONAL LARVAE CAUGHT | SYNGNATHIDAE | | | | | | | | | | | |
| | BALISTIDAE | | | | | | | | | | | |
| | TETRAODONTIDAE | | | | | | | | | | | |
| D 2 22 06 | SAMPLING DEPTH 0- 6M | | | | | | | | | | | |
| LEPIDIUS AMERICANUS | 5 5 6.6 4.1-13.0 TL | | | | | | | | | | 0.6 | |
| FAEELIYOPUS CIMBRILUS | 7 7 8.2 3.3-23.5 SL | 0 | | | | | | | | | 0.8 | 0.0 |
| SCOMBER SCOMBRUS | 2 2 9.7 8.4-11.1 SL | 0 | | | | | | | | | 0.2 | 0.0 |
| LIMANDA FERRUGINEA | 3 3 8.0 6.2-10.2 SL | | | | | | | | | | 0.4 | |
| ADDITIONAL LARVAE CAUGHT | TETRAODONTIDAE | | | | | | | | | | | |
| D 3 22 06 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| LEPIDIUS AMERICANUS | 2 2 9.5 7.0-12.0 TL | | | | | | | | | | 0.6 | |
| FAEELIYOPUS CIMBRILUS | 2 2 3.8 3.5- 4.0 SL | 0 | | | | | | | | | 0.6 | C.C |
| SCOMBER SCOMBRUS | 1 1 18.0 SL | 0 | | | | | | | | | 0.3 | C.C |
| SCOPHTHALMUS AQUOSUS | 3 3 2.6 2.5- 2.6 SL | | | | | | | | | | 0.9 | |
| LIMANDA FERRUGINEA | 7 6 10.0 5.7-14.1 SL | | | | | | | | | | 2.1 | |
| D 4 22 06 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| LEPIDIUS AMERICANUS | 4 4 14.5 12.6-18.3 TL | | | | | 16 16 12.9 5.5-17.2 TL | | | | | 3.8 | |
| FAEELIYOPUS CIMBRILUS | 2 2 18.4 18.0-18.8 SL | 0 | | | | 29 29 9.3 3.0-30.5 SL | 0 | | | | 5.3 | 0.0 |
| SCOMBER SCOMBRUS | 4 4 22.8 21.9-23.8 SL | 0 | | | | 1 1 21.2 SL | 0 | | | | 1.4 | 0.0 |
| LEPARI INQUILINUS | | | | | | 1 1 3.0 TL | | | | | 0.2 | |
| SCOPHTHALMUS AQUOSUS | | | | | | 3 3 7.6 7.3- 8.3 SL | | | | | 0.5 | |
| GLYPTOCEPHALUS CYNODLOSSUS | | | | | | 6 6 11.3 8.4-20.0 SL | | | | | 1.0 | |
| LIMANDA FERRUGINEA | 4 4 15.0 13.2-17.2 SL | | | | | 116 25 11.5 4.6-16.0 SL | | | | | 20.0 | |
| D 5 20 06 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| LEPIDIUS AMERICANUS | | | | | | 2 2 11.0 11.0-11.0 TL | | | | | 0.7 | |
| FAEELIYOPUS CIMBRILUS | 3 3 17.7 16.7-18.9 SL | 0 | | | | 9 7 12.9 4.6-23.0 SL | 0 | | | | 3.9 | C.C |
| SCOMBER SCOMBRUS | 30 30 17.9 15.4-21.4 SL | 0 | | | | | 0 | | | | 10.0 | 0.0 |
| LEPARI INQUILINUS | | | | | | 2 2 11.5 11.0-12.0 TL | | | | | 0.7 | |
| GLYPTOCEPHALUS CYNODLOSSUS | | | | | | 5 5 9.1 6.8-10.7 SL | | | | | 1.7 | |
| LIMANDA FERRUGINEA | 12 12 15.7 14.6-17.6 SL | | | | | 219 25 5.5 5.0-14.7 SL | | | | | 76.6 | |

TABLE 3. (continued)

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| CRUISE DATE STA. NO. SPECIES ANALYZED | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|--|----------------------|-------------------|-------|------|------|-----------------------|------------------|-------|------|-----------|-----|------|
| | NUMBER | LENGTHS (MM) | NO. | NO. | EGGS | NUMBER | LENGTHS (MM) | NO. | NO. | PER 10M | | |
| C 6 20 06 | TOTAL MEAS. | MEAN RANGE | MEAS. | EGGS | | TOTAL MEAS. | MEAN RANGE | MEAS. | EGGS | L.F.V.F.E | | EGGS |
| | SAMPLING DEPTH 0-15M | 0-15M | | | | SAMPLING DEPTH 18-33M | 18-33M | | | | | |
| LOPHIUS AMERICANUS | 1 | 1 10.0 | TL | | | | | | | 0.3 | | |
| ENCHELYPELUS CIMBRIUS | 4 | 4 23.4 17.0-28.7 | SL | 0 | | 9 | 9 15.9 15.7-24.3 | SL | 0 | 4.2 | 0.0 | |
| UROPHYSALUS SP. | | | | | | 1 | 1 20.2 | NL | | 0.3 | | |
| SCOMBER SCOMBRUS | 39 | 39 16.9 12.9-27.0 | SL | 0 | | 5 | 5 16.7 12.0-25.7 | SL | 0 | 13.4 | 0.0 | |
| GLYPTOCEPHALUS CYNODLOSSUS | 1 | 1 10.0 | SL | | | 8 | 8 7.2 5.1-9.0 | SL | | 3.0 | | |
| LIMANDA FERRUGINEA | 52 | 25 15.3 7.2-17.4 | SL | | | 481 | 25 13.4 5.0-17.3 | SL | | 175.9 | | |
| D 7 20 06 | SAMPLING DEPTH 0-15M | 0-15M | | | | SAMPLING DEPTH 18-33M | 18-33M | | | | | |
| RENTHOSEMA GLACIALE | 1 | 1 9.2 | SL | | | | | | | 0.3 | | |
| LOPHIUS AMERICANUS | 2 | 2 7.6 5.3-10.0 | TL | | | | | | | 0.7 | | |
| ENCHELYPELUS CIMBRIUS | 3 | 3 20.3 17.3-22.1 | SL | 0 | | 11 | 11 16.0 8.1-26.8 | SL | 0 | 4.6 | 0.0 | |
| GADUS MORHUA | | | | 0 | | 1 | 1 11.6 | SL | 0 | 0.3 | 0.0 | |
| SCOMBER SCOMBRUS | 24 | 24 17.9 12.9-21.5 | SL | 0 | | 30 | 30 18.8 7.8-22.3 | SL | 0 | 17.2 | 0.0 | |
| LIMANDA FERRUGINEA | 9 | 8 17.8 16.1-19.6 | SL | | | 29 | 29 12.2 4.6-20.7 | SL | | 12.4 | | |
| D 8 20 06 | SAMPLING DEPTH 0-15M | 0-15M | | | | SAMPLING DEPTH 18-33M | 18-33M | | | | | |
| RENTHOSEMA GLACIALE | 40 | 16 8.0 6.2-9.4 | SL | | | 18 | 9 7.6 5.5-10.6 | SL | | 18.0 | | |
| CERATOSCOPELUS MADRENSIS | 12 | 12 5.3 2.2-6.3 | SL | | | | | | | 4.0 | | |
| LOPHIUS AMERICANUS | 14 | 14 5.5 4.3-9.0 | TL | | | | | | | 4.7 | | |
| ENCHELYPELUS CIMBRIUS | 6 | 5 3.2 2.7-3.7 | SL | 0 | | | | | 0 | 2.0 | 0.0 | |
| SCOMBER SCOMBRUS | 6 | 6 8.5 4.7-13.1 | SL | 0 | | | | | 0 | 2.0 | 0.0 | |
| LIMANDA FERRUGINEA | 3 | 3 10.2 9.8-10.6 | SL | | | | | | | 1.0 | | |
| F 1 29 06 | SAMPLING DEPTH 0-3M | 0-3M | | | | | | | | | | |
| BREVORTIA TYRANNUS | 1 | 1 13.7 | TL | | | | | | | 0.1 | | |
| ANCHOA HERPES | 13 | 12 7.7 4.5-13.7 | TL | | | | | | | 0.8 | | |
| TAUTOGA ONITIS | 2 | 2 5.7 4.8-6.6 | TL | | | | | | | 0.1 | | |
| F 2 29 06 | SAMPLING DEPTH 0-6M | 0-6M | | | | | | | | | | |
| ENCHELYPELUS CIMBRIUS | 1 | 1 7.2 | SL | 0 | | | | | | 0.1 | 0.0 | |
| TAUTOGOLABRUS AOSPERUS | 1 | 1 3.9 | TL | | | | | | | 0.1 | | |
| PEICNOTUS CARLINUS | 2 | 2 3.4 3.3-3.5 | SL | | | | | | | 0.2 | | |
| SCOPHTHALMUS AQUOSUS | 1 | 1 5.4 | SL | | | | | | | 0.1 | | |
| F 3 29 06 | SAMPLING DEPTH 0-6M | 0-6M | | | | | | | | | | |
| ENCHELYPELUS CIMBRIUS | 1 | 1 27.5 | SL | 0 | | | | | | 0.1 | 0.0 | |
| TAUTOGA ONITIS | 1 | 1 4.3 | TL | | | | | | | 0.1 | | |
| TAUTOGOLABRUS AOSPERUS | 1 | 1 4.8 | TL | | | | | | | 0.1 | | |
| PEICNOTUS CARLINUS | 1 | 1 5.1 | SL | | | | | | | 0.1 | | |
| F 4 29 06 | SAMPLING DEPTH 0-15M | 0-15M | | | | | | | | | | |
| LOPHIUS AMERICANUS | 1 | 1 27.0 | TL | | | | | | | 0.3 | | |
| ENCHELYPELUS CIMBRIUS | 5 | 5 30.7 27.4-37.1 | SL | 0 | | | | | | 1.5 | 0.0 | |
| SCOMBER SCOMBRUS | 1 | 1 33.0 | SL | 0 | | | | | | 0.3 | 0.0 | |
| GLYPTOCEPHALUS CYNODLOSSUS | 1 | 1 7.3 | SL | | | | | | | 0.3 | | |
| F 5 29 06 | SAMPLING DEPTH 0-15M | 0-15M | | | | SAMPLING DEPTH 18-33M | 18-33M | | | | | |
| LOPHIUS AMERICANUS | 1 | 1 31.0 | TL | | | | | | | 0.3 | | |
| ENCHELYPELUS CIMBRIUS | 4 | 4 12.6 9.5-16.7 | SL | 0 | | 3 | 3 31.5 26.7-40.2 | SL | 0 | 2.2 | 0.0 | |
| GADUS MORHUA | | | | 0 | | 1 | 1 17.6 | SL | 0 | 0.3 | 0.0 | |
| GLYPTOCEPHALUS CYNODLOSSUS | | | | | | 2 | 2 7.8 6.6-8.9 | SL | | 0.7 | | |
| LIMANDA FERRUGINEA | 85 | 25 10.7 6.0-16.1 | SL | | | 88 | 25 8.4 4.9-15.4 | SL | | 54.8 | | |
| F 6 29 06 | SAMPLING DEPTH 0-15M | 0-15M | | | | SAMPLING DEPTH 18-33M | 18-33M | | | | | |
| LOPHIUS AMERICANUS | 2 | 2 18.5 14.0-23.0 | TL | | | | | | | 0.7 | | |
| ENCHELYPELUS CIMBRIUS | 10 | 10 19.5 9.6-36.8 | SL | 0 | | | | | 0 | 3.3 | 0.0 | |
| SCOMBER SCOMBRUS | 18 | 18 38.8 33.4-49.7 | SL | 0 | | | | | 0 | 6.0 | 0.0 | |
| GLYPTOCEPHALUS CYNODLOSSUS | 2 | 2 12.8 10.6-15.0 | SL | | | 4 | 4 11.0 6.6-14.6 | SL | | 1.9 | | |
| LIMANDA FERRUGINEA | 185 | 25 11.9 8.2-19.3 | SL | | | 229 | 25 8.3 5.1-12.7 | SL | | 131.8 | | |
| F 7 28 06 | SAMPLING DEPTH 0-15M | 0-15M | | | | SAMPLING DEPTH 18-33M | 18-33M | | | | | |
| MYCTOPHIDAE | | | | | | 4 | 4 8.1 6.6-9.1 | SL | | 1.3 | | |
| LOPHIUS AMERICANUS | 1 | 1 17.0 | TL | | | | | | | 0.3 | | |
| SCOMBER SCOMBRUS | 1 | 1 30.0 | SL | 0 | | | | | 0 | 0.3 | 0.0 | |
| GLYPTOCEPHALUS CYNODLOSSUS | 3 | 3 20.1 14.8-26.7 | SL | | | 4 | 4 24.3 15.2-29.4 | SL | | 2.2 | | |
| LIMANDA FERRUGINEA | 184 | 25 12.7 10.2-17.2 | SL | | | 123 | 25 11.2 7.3-17.5 | SL | | 96.2 | | |
| F 8 28 06 | SAMPLING DEPTH 0-15M | 0-15M | | | | SAMPLING DEPTH 18-33M | 18-33M | | | | | |
| RENTHOSEMA GLACIALE | 8 | 8 7.9 7.0-8.7 | SL | | | 3 | 3 7.3 6.4-8.1 | SL | | 3.4 | | |
| CERATOSCOPELUS MADRENSIS | 20 | 20 5.5 4.3-6.5 | SL | | | | | | | 6.7 | | |
| SCOMBER SCOMBRUS | 4 | 4 30.0 27.4-32.1 | SL | 0 | | 1 | 1 25.1 | SL | 0 | 1.5 | 0.0 | |
| LIMANDA FERRUGINEA | 1 | 1 12.4 | SL | | | 1 | | | | 0.6 | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | CONGRIDAE | | | | | | |

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[illegible]

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| CRUISE DATE | STATION | SPECIES ANALYZED | NUMBER | LENGTHS (MM) | NO. | NUMBER | LENGTHS (MM) | NO. | NO. PER 10M | | | | | | | |
|-------------|---------|---------------------------------|----------------|--------------|-------|-----------|--------------|----------------|-------------|-------|----------|-----------|------|---|------|-----|
| STA. | D.M. | | TOTAL MEAS. | MEAN | RANGE | MEAS. | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | EGGS | EGGS | | | |
| C 2 | 28 06 | | SAMPLING DEPTH | C- 6M | | | | | | | | | | | | |
| | | TAUTOGA ONITIS | 4 | 3 | 3.3 | 2.8- 3.8 | TL | | | | | 0.5 | | | | |
| | | CITHARICHTHYS ARCIFIERONS | 18 | 15 | 2.3 | 2.0- 2.5 | SL | | | | | 2.2 | | | | |
| | | HIPPOGLOSSINA OBLUNOUS | 2 | 1 | 3.3 | | SL | | | | | 0.2 | | | | |
| | | SCORPHTHALMUS AQUOSUS | 4 | 1 | 2.7 | | SL | | | | | 0.5 | | | | |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | | | |
| C 3 | 28 06 | | SAMPLING DEPTH | C- 6M | | | | | | | | | | | | |
| | | LEPHTIUS AMERICANUS | 1 | 1 | 3.6 | | TL | | | | | 0.1 | | | | |
| | | TAUTOGA ONITIS | 1 | 1 | 2.8 | | TL | | | | | 0.1 | | | | |
| | | ETROPLUS MICROSTOMUS | 1 | 1 | 2.0 | | SL | | | | | 0.1 | | | | |
| | | SCORPHTHALMUS AQUOSUS | 1 | 1 | 2.3 | | SL | | | | | 0.1 | | | | |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | | | |
| C 4 | 28 06 | | SAMPLING DEPTH | C-15M | | | | | | | | | | | | |
| | | LEPHTIUS AMERICANUS | 1 | 1 | 14.0 | | TL | | | | | 0.3 | | | | |
| | | SCOMBER SCOMBRUS | 26 | 26 | 34.5 | 28.3-44.1 | SL | 0 | | | | 7.9 | 0.0 | | | |
| | | LIMANDA FERRUGINEA | 15 | 15 | 10.5 | 7.6-14.4 | SL | | | | | 4.5 | | | | |
| C 5 | 27 06 | | SAMPLING DEPTH | C-15M | | | | SAMPLING DEPTH | 18-33M | | | | | | | |
| | | BENTHOSEMA GLACIAE | 1 | 1 | 7.6 | | SL | 3 | 3 | 4.8 | 4.1- 5.4 | SL | 1.3 | | | |
| | | LEPHTIUS AMERICANUS | 5 | 4 | 22.9 | 13.9-30.0 | TL | | | | | 1.7 | | | | |
| | | MACULYDORUS CUMBIUS | 2 | 2 | 28.1 | 27.6-28.5 | SL | 0 | 2 | 2 | 39.3 | 36.5-42.0 | SL | 0 | 1.3 | 0.0 |
| | | GADUS MORRUA | | | | | | 0 | 1 | 1 | 11.3 | | SL | 0 | 0.3 | 0.0 |
| | | SCOMBER SCOMBRUS | 4 | 4 | 36.2 | 33.9-38.6 | SL | 0 | | | | | | 0 | 1.3 | 0.0 |
| | | GLYPTOCEPHALUS CYNOCLOSSUS | 1 | 1 | 17.5 | | SL | | | | | | | 0 | 0.3 | |
| | | LIMANDA FERRUGINEA | 105 | 25 | 12.1 | 7.8-15.1 | SL | | 59 | 25 | 13.1 | 5.5-17.6 | SL | | 51.2 | |
| G 6 | 27 06 | | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-33M | | | | | | | |
| | | BENTHOSEMA GLACIAE | 13 | 13 | 5.5 | 4.9- 6.9 | SL | | | | | 4.3 | | | | |
| | | CERATOSCOFFLUS MADAGASCARIENSIS | 3 | 3 | 7.6 | 5.4- 8.5 | SL | | | | | 1.0 | | | | |
| | | LEPHTIUS AMERICANUS | 3 | 3 | 8.0 | 4.4- 9.9 | TL | | | | | 1.0 | | | | |
| | | SARPA SARPA | | | | | | 1 | | | | 0.0 | 0.3 | | | |
| | | LIMANDA FERRUGINEA | 8 | 8 | 10.1 | 7.7-13.2 | SL | | 6 | 6 | 5.5 | 8.7-10.4 | SL | | 4.4 | |
| H 1 | 27 06 | | SAMPLING DEPTH | 0- 3M | | | | | | | | | | | | |
| | | ANCHOA MITCHILLI | 1915 | 148 | 4.4 | 1.7- 6.9 | TL | | | | | 116.0 | | | | |
| | | CYNOSCION SP. | 2 | 2 | 2.7 | 2.1- 3.4 | SL | | | | | 0.1 | | | | |
| | | TAUTOGA ONITIS | 1 | 1 | 3.5 | | TL | | | | | 0.1 | | | | |
| | | SARPA SARPA | | | | | | 3 | | | | 0.0 | 0.2 | | | |
| | | PEPRILUS TRIACANTHUS | 1 | 1 | 12.3 | | SL | | | | | 0.1 | | | | |
| | | PRIONOTUS CARLINUS | 2 | 2 | 4.4 | 4.4- 4.4 | SL | | | | | 0.1 | | | | |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | | | |
| F 2 | 27 06 | | SAMPLING DEPTH | C- 6M | | | | | | | | | | | | |
| | | ANCHOA MITCHILLI | 514 | 66 | 5.0 | 2.8- 7.1 | TL | | | | | 62.3 | | | | |
| | | CENTROPOMISTES STRIATA | 1 | 1 | 4.6 | | SL | | | | | 0.1 | | | | |
| | | CYNOSCION SP. | 2 | 2 | 3.0 | 3.0- 3.0 | SL | | | | | 0.2 | | | | |
| | | MENTHICORRHUS SP. | 19 | 18 | 2.6 | 2.1- 3.2 | SL | | | | | 2.3 | | | | |
| | | TAUTOGA ONITIS | 19 | 16 | 4.1 | 2.5- 6.3 | TL | | | | | 2.3 | | | | |
| | | SARPA SARPA | 4 | 4 | 4.0 | 3.6- 4.6 | SL | 0 | | | | 0.5 | 0.0 | | | |
| | | PEPRILUS TRIACANTHUS | 59 | 59 | 3.0 | 2.2- 8.5 | SL | | | | | 7.2 | | | | |
| | | PRIONOTUS CARLINUS | 19 | 19 | 4.2 | 3.1- 6.1 | SL | | | | | 2.3 | | | | |
| | | ETROPLUS MICROSTOMUS | 38 | 34 | 2.7 | 2.0- 4.3 | SL | | | | | 4.6 | | | | |
| | | HIPPOGLOSSINA OBLUNOUS | 13 | 12 | 3.6 | 2.5- 4.7 | SL | | | | | 1.6 | | | | |
| | | ADDITIONAL LARVAE CAUGHT | SYNGNATHIDAE | | | | | | | | | | | | | |
| | | | URANOSCOPICAE | | | | | | | | | | | | | |
| | | | BLENNIOIDAE | | | | | | | | | | | | | |
| | | | STROMATEIDAE | | | | | | | | | | | | | |
| | | | UNIDENTIFIED | | | | | | | | | | | | | |
| H 3 | 27 06 | | SAMPLING DEPTH | 0- 6M | | | | | | | | | | | | |
| | | ANCHOA MITCHILLI | 65 | 61 | 4.4 | 1.4- 6.3 | TL | | | | | 7.9 | | | | |
| | | CYNOSCION SP. | 1 | 1 | 3.2 | | SL | | | | | 0.1 | | | | |
| | | MENTHICORRHUS SP. | 11 | 11 | 2.7 | 2.3- 3.1 | SL | | | | | 1.3 | | | | |
| | | TAUTOGA ONITIS | 1 | 1 | 5.0 | | TL | | | | | 0.1 | | | | |
| | | PRIONOTUS CARLINUS | 2 | 2 | 3.9 | 3.3- 4.5 | SL | | | | | 0.2 | | | | |
| | | ETROPLUS MICROSTOMUS | 3 | 3 | 3.1 | 3.0- 3.2 | SL | | | | | 0.4 | | | | |
| | | HIPPOGLOSSINA OBLUNOUS | 13 | 13 | 3.4 | 2.7- 5.5 | SL | | | | | 1.6 | | | | |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | | | |

TABLE 3. (continued)

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| CRUISE DATE STA. 7 M | SPECIES ANALYZED | ***** LARVAE ***** | | | | NO. EGGS | ***** LARVAE ***** | | | | NO. EGGS | 2 NO. PER 10M ³ LARVAE EGGS | |
|-------------------------|--------------------------|--|--------------|-------|-------------|----------|-----------------------|--------------|-------|-------------|----------|--|-----|
| | | NUMBER | LENGTHS (MM) | RANGE | MEAS. | | NUMBER | LENGTHS (MM) | RANGE | MEAS. | | | |
| H 4 | 27 06 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | UROPHYCIS CHLUS | 2 | 1 | 3.1 | NL | | | | | | | 0.6 | |
| | MENTICIRRHUS SP. | 1 | 1 | 2.2 | SL | | | | | | | 0.3 | |
| | TALITGA ANTIS | 1 | 1 | 4.4 | TL | | | | | | | 0.3 | |
| | PRIONOTUS CARLINUS | 5 | 5 | 2.6 | 1.8- 3.9 SL | | | | | | | 1.6 | |
| | ETREPIJS MICROSTOMUS | 3 | 3 | 3.1 | 2.5- 3.7 SL | | | | | | | 1.0 | |
| | HIPPOGLOSSINA OBLUNCUS | 1 | 1 | 3.4 | SL | | | | | | | 0.3 | |
| | LIMANDA FERRUGINEA | | | | | | 3 | 3 | 7.1 | 6.6- 7.5 SL | | 0.5 | |
| | ADDITIONAL LARVAE CAUGHT | STROMATEIDAE UNIDENTIFIED | | | | | | | | | | | |
| H 5 | 27 06 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | LOPHIUS AMERICANUS | | | | | | 1 | 1 | 31.5 | TL | | 0.3 | |
| | PRIONOTUS CARLINUS | 1 | 1 | 3.1 | SL | | | | | | | 0.3 | |
| | LIMANDA FERRUGINEA | | | | | | 8 | 8 | 8.9 | 6.4-10.1 SL | | 2.7 | |
| | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |
| H 6 | 27 06 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | BENTHOSEMA GLACIAE F | | | | | | 7 | 6 | 6.5 | 6.0- 7.4 SL | | 2.3 | |
| | LOPHIUS AMERICANUS | 1 | 1 | 4.5 | TL | | | | | | | 0.3 | |
| | ENCHELICYPUS CIMBRIUS | | | | | 0 | 1 | 1 | 7.7 | SL | 0 | 0.3 | C.C |
| | MERLUCCIIUS BILINEARIS | 1 | 1 | 6.3 | NL | 0 | | | | | 0 | 0.3 | 0.0 |
| | SCOMBER SCOMBRUS | 1 | 1 | 15.5 | SL | 0 | | | | | 0 | 0.3 | C.C |
| | LIMANDA FERRUGINEA | 10 | 10 | 8.0 | 4.4-10.2 SL | | 17 | 17 | 7.5 | 6.1-10.6 SL | | 8.7 | |
| | ADDITIONAL LARVAE CAUGHT | MYCTOPHIDAE UNIDENTIFIED | | | | | | | | | | | |
| H 7 | 27 06 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | MYCTOPHIDAE | | | | | | 3 | 3 | 6.1 | 5.5- 7.4 SL | | 1.0 | |
| | BENTHOSEMA GLACIAE | 1 | 1 | 10.5 | SL | | 3 | 3 | 8.3 | 7.8- 9.2 SL | | 1.3 | |
| | UROPHYCIS CHLUS | 1 | 1 | 1.4 | NL | | | | | | | 0.3 | |
| | MERLUCCIIUS BILINEARIS | | | | | 0 | | | | | 1 | 0.0 | C.3 |
| | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| J 1 | 26 06 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| | ANCHOA MITCHILLI | 247 | 57 | 4.9 | 2.8- 7.0 TL | | | | | | | 29.9 | |
| | ADDITIONAL LARVAE CAUGHT | SYNGNATHIDAE | | | | | | | | | | | |
| J 2 | 26 06 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| | ANCHOA MITCHILLI | 1279 | 243 | 3.5 | 1.5- 6.8 TL | | | | | | | 155.0 | |
| | CYNCISION SP. | 6 | 6 | 2.8 | 2.5- 3.1 SL | | | | | | | 0.7 | |
| | PRIONOTUS CARLINUS | 4 | 4 | 2.9 | 2.1- 4.0 SL | | | | | | | 0.5 | |
| | CITHARICHTHYS ARCTIFRONS | 4 | 4 | 2.1 | 1.8- 2.2 SL | | | | | | | 0.5 | |
| | ETREPIJS MICROSTOMUS | 1 | 1 | 2.7 | SL | | | | | | | 0.1 | |
| | HIPPOGLOSSINA OBLUNCUS | 2 | 2 | 3.5 | 2.5- 4.4 SL | | | | | | | 0.2 | |
| | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |
| J 3 | 26 06 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| | ANCHOA MITCHILLI | 122 | 30 | 3.2 | 1.5- 5.5 TL | | | | | | | 14.8 | |
| | MENTICIRRHUS SP. | 3 | 3 | 2.9 | 2.7- 3.2 SL | | | | | | | 0.4 | |
| | SARCA SARDA | | | | | 9 | | | | | | 0.0 | 1.1 |
| | PRIONOTUS CARLINUS | 3 | 2 | 2.7 | 2.7- 2.8 SL | | | | | | | 0.4 | |
| | HIPPOGLOSSINA OBLUNCUS | 2 | 2 | 2.6 | 2.5- 2.6 SL | | | | | | | 0.2 | |
| | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |
| J 4 | 26 06 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| | ANCHOA MITCHILLI | 57 | 43 | 4.1 | 1.6- 5.8 TL | | | | | | | 6.9 | |
| | UROPHYCIS CHLUS | 4 | 4 | 2.3 | 2.0- 2.6 NL | | | | | | | 0.5 | |
| | MENTICIRRHUS SP. | 5 | 3 | 2.2 | 1.9- 2.4 SL | | | | | | | 0.6 | |
| | TALITGA ANTIS | 12 | 11 | 2.9 | 2.3- 3.7 TL | | | | | | | 1.5 | |
| | SARCA SARDA | 4 | 3 | 3.5 | 3.3- 3.8 SL | | | | | | | 0.5 | C.5 |
| | PEREILUS TRIACANTHUS | 6 | 6 | 3.0 | 2.1- 3.7 SL | | 4 | | | | | 0.7 | |
| | PRIONOTUS CARLINUS | 316 | 22 | 2.5 | 2.1- 2.9 SL | | | | | | | 38.3 | |
| | ETREPIJS MICROSTOMUS | 41 | 34 | 3.1 | 2.2- 4.6 SL | | | | | | | 5.0 | |
| | HIPPOGLOSSINA OBLUNCUS | 35 | 33 | 3.2 | 2.1- 4.8 SL | | | | | | | 4.2 | |
| | ADDITIONAL LARVAE CAUGHT | CRANOSCELLAE STROMATEIDAE UNIDENTIFIED | | | | | | | | | | | |
| J 5 | 26 06 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| | MENTICIRRHUS SP. | 1 | 1 | 2.3 | SL | | | | | | | 0.3 | |
| | TALITGA ANTIS | 3 | 3 | 3.1 | 2.4- 3.9 TL | | | | | | | 0.9 | |
| | PEREILUS TRIACANTHUS | 5 | 5 | 7.6 | 2.1-26.4 SL | | | | | | | 1.5 | |
| | ETREPIJS MICROSTOMUS | 5 | 4 | 3.8 | 3.4- 4.2 SL | | | | | | | 1.5 | |
| | HIPPOGLOSSINA OBLUNCUS | 1 | | | | | | | | | | 0.3 | |
| | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |

TABLE 3. (continued)

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| CRUISE DATE | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|----------------------------|--|--------------|-------|-----------|------|-------------------------|--------------|-------|----------|-----------|--------------------------|------|
| NO. 7 1966 | NUMBER | LENGTHS (MM) | NO. | MEAS. | EGGS | NUMBER | LENGTHS (MM) | NO. | MEAS. | EGGS | NO. PER 10M ² | EGGS |
| STA. 04 | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | LARVAE | EGGS |
| J 6 27 06 | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-24M | | | | | |
| ANCHORA MITCHILLI | | | | | | 1 | 1 | 4.7 | TL | | 0.2 | |
| PENTHOSEMA GLACIALE | 7 | 7 | 6.6 | 6.1- 7.2 | SL | 3 | 3 | 7.5 | 6.1- 9.7 | SL | 2.7 | |
| LOPHIUS AMERICANUS | 1 | 1 | 10.0 | | TL | | | | | | 0.3 | |
| ENCHELYPUS CIMBRIUS | | | | | | 2 | 2 | 11.0 | 4.6-17.4 | SL | 0.3 | C.C |
| UROPHYCIS CHLUS | 5 | 4 | 2.9 | 2.5- 3.2 | NL | | | | | | 1.6 | |
| LIMANDA FERRUGINEA | | | | | | 4 | 4 | 11.7 | 9.1-14.2 | SL | 0.6 | |
| | | | | | | | | | | | | |
| J 7 27 06 | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-33M | | | | | |
| PENTHOSEMA GLACIALE | 6 | 6 | 6.7 | 6.4- 7.6 | SL | | | | | | 2.0 | |
| LOPHIUS AMERICANUS | 1 | 1 | 19.0 | | TL | | | | | | 0.3 | |
| PRIONOTUS CAROLINUS | 1 | 1 | 3.1 | | SL | | | | | | 0.3 | |
| LIPARIS INQUILINUS | | | | | | 1 | 1 | 10.8 | | TL | 0.3 | |
| GLYPTOCEPHALUS CYNOCLOSSUS | 3 | 2 | 12.1 | 8.7-15.5 | SL | | | | | | 1.0 | |
| LIMANDA FERRUGINEA | 56 | 25 | 10.4 | 7.5-13.3 | SL | 9 | 9 | 9.9 | 8.2-12.1 | SL | 19.8 | |
| | | | | | | | | | | | | |
| K 1 26 06 | SAMPLING DEPTH | 0- 6M | | | | | | | | | | |
| SARCA SARCA | | | | | 16 | | | | | | 0.0 | 1.9 |
| | | | | | | | | | | | | |
| K 2 26 06 | SAMPLING DEPTH | 0-15M | | | | | | | | | | |
| ANCHORA MITCHILLI | 29 | 29 | 3.3 | 1.5- 6.8 | TL | | | | | | 8.8 | |
| SARCA SARCA | | | | | 8 | | | | | | 0.0 | 2.4 |
| ETROPUS MICROSTOMUS | 1 | 1 | 2.0 | | SL | | | | | | 0.3 | |
| HYPNOGLOSSINA OBLIQUUS | 1 | | | | | | | | | | 0.3 | |
| ADDITIONAL LARVAE CAUGHT | UPANOSCOPICAE UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | |
| K 3 26 06 | SAMPLING DEPTH | 0-15M | | | | | | | | | | |
| ANCHORA MITCHILLI | 14 | 11 | 5.6 | 2.5- 8.1 | TL | | | | | | 4.2 | |
| SARCA SARCA | 1 | 1 | 3.3 | | SL | 0 | | | | | 0.3 | 0.0 |
| ETROPUS MICROSTOMUS | 1 | 1 | 2.3 | | SL | | | | | | 0.3 | |
| HYPNOGLOSSINA OBLIQUUS | 2 | 1 | 2.6 | | SL | | | | | | 0.6 | |
| ADDITIONAL LARVAE CAUGHT | GOBIIDAE UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | |
| K 4 26 06 | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-24M | | | | | |
| LOPHIUS AMERICANUS | 2 | 2 | 4.3 | 4.3- 4.3 | TL | | | | | | 0.6 | |
| UROPHYCIS CHLUS | 1 | 1 | 1.9 | | NL | | | | | | 0.3 | |
| TAUTOGA ONITIS | 5 | 5 | 4.1 | 3.6- 4.7 | TL | | | | | | 1.6 | |
| PERILUS TRIACANTHUS | 19 | 19 | 4.9 | 2.6-15.0 | SL | 4 | 4 | 11.6 | 5.8-17.5 | SL | 6.5 | |
| PRIONOTUS CAROLINUS | 3 | 3 | 3.4 | 2.8- 4.0 | SL | | | | | | 1.0 | |
| ACTIUS OCCELLATUS | | | | | | 1 | 1 | 4.6 | | SL | 0.2 | |
| ETROPUS MICROSTOMUS | 24 | 22 | 3.3 | 2.4- 4.3 | SL | | | | | | 7.8 | |
| HYPNOGLOSSINA OBLIQUUS | 10 | 10 | 4.5 | 2.7- 6.9 | SL | 1 | | | | | 3.2 | |
| GLYPTOCEPHALUS CYNOCLOSSUS | 1 | 1 | 20.2 | | SL | | | | | | 0.3 | |
| LIMANDA FERRUGINEA | | | | | | 1 | 1 | 14.6 | | SL | 0.2 | |
| ADDITIONAL LARVAE CAUGHT | UPANOSCOPICAE GOBIIDAE STROMATEICAE UNIDENTIFIED | | | | | SYNODONTICAE | | | | | | |
| | | | | | | | | | | | | |
| K 5 25 06 | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-24M | | | | | |
| LOPHIUS AMERICANUS | 2 | 2 | 15.2 | 14.0-16.5 | TL | | | | | | 0.6 | |
| ENCHELYPUS CIMBRIUS | | | | | | 0 | 1 | 1 | 41.0 | SL | 0.2 | 0.0 |
| TAUTOGLABRUS ADSPERSUS | 1 | 1 | 4.3 | | TL | | | | | | 0.3 | |
| SCOMBER SCOMBRUS | 1 | 1 | 29.1 | | SL | 0 | 2 | 2 | 27.0 | 25.7-28.3 | SL | 0.6 |
| PERILUS TRIACANTHUS | 3 | 3 | 6.9 | 5.8- 9.0 | SL | | 1 | 1 | 4.4 | SL | 1.1 | C.C |
| GLYPTOCEPHALUS CYNOCLOSSUS | 1 | 1 | 11.0 | | SL | | 1 | 1 | 42.7 | SL | 0.5 | |
| LIMANDA FERRUGINEA | 1 | 1 | 14.1 | | SL | | 1 | 1 | 10.0 | SL | 0.5 | |
| | | | | | | | | | | | | |
| K 6 25 06 | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-33M | | | | | |
| PENTHOSEMA GLACIALE | 5 | 4 | 7.6 | 6.7- 8.2 | SL | | 1 | 1 | 7.1 | SL | 1.8 | |
| LOPHIUS AMERICANUS | 2 | 2 | 5.8 | 4.7- 6.9 | TL | | 1 | 1 | 4.6 | TL | 0.9 | |
| ENCHELYPUS CIMBRIUS | | | | | | 0 | 1 | 1 | 4.9 | SL | 0.3 | C.C |
| UROPHYCIS CHLUS | 6 | 4 | 3.0 | 2.1- 3.9 | NL | | | | | | 2.0 | |
| MERLUCCIIUS BILINEARIS | 1 | 1 | 7.8 | | NL | 0 | | | | | 0.3 | C.C |
| TAUTOGLABRUS ADSPERSUS | 1 | 1 | 6.2 | | TL | | | | | | 0.3 | |
| LIMANDA FERRUGINEA | 20 | 20 | 10.3 | 8.5-13.6 | SL | | 34 | 25 | 10.2 | 6.5-15.1 | SL | 17.3 |
| ADDITIONAL LARVAE CAUGHT | | | | | | CYCLOTHONE SP. GOBIIDAE | | | | | | |
| | | | | | | | | | | | | |
| K 7 25 06 | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-33M | | | | | |
| UROPHYCIS CHLUS | 1 | 1 | 13.2 | | NL | | | | | | 0.3 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | SERRANIDAE | | | | | | |

TABLE 3. (continued)

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| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|-------------|-------|-----------------------------------|----|------|-----------|----|-----------------------------------|----|------|---------|----|-------------------------|--|
| 166 7 1966 | | NUMBER LENGTHS (MM) | | | | | NUMBER LENGTHS (MM) | | | | | NO. PER 10 ⁴ | |
| STA. | 0 M | SPECIES ANALYZED | | | | | SPECIES ANALYZED | | | | | EGGS | |
| L 1 | 23 06 | TOTAL MEAS. MEAN RANGE MEAS. EGGS | | | | | TOTAL MEAS. MEAN RANGE MEAS. EGGS | | | | | LARVAE | |
| | | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 0-6M | | | | | | |
| | | 14 | 14 | 4.8 | 1.2-7.7 | TL | | | | | | 1.7 | |
| | | 1 | | | | | | | | | | 0.1 | |
| | | 3 | 3 | 3.5 | 3.2-4.0 | SL | | | | | | 0.4 | |
| | | 3 | 3 | 2.8 | 1.9-4.2 | SL | | | | | | 0.4 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | ADDITIONAL LARVAE CAUGHT | | | | | | |
| | | SYNGNATHIDAE | | | | | SYNGNATHIDAE | | | | | | |
| | | SYNGNATHIDAE | | | | | SYNGNATHIDAE | | | | | | |
| | | PLENNIIDAE | | | | | PLENNIIDAE | | | | | | |
| | | GOBIIDAE | | | | | GOBIIDAE | | | | | | |
| | | | | | | | | | | | | | |
| L 2 | 22 06 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 0-6M | | | | | | |
| | | 24 | 23 | 3.8 | 1.9-6.8 | TL | | | | | | 2.9 | |
| | | 1 | 1 | 2.0 | | SL | | | | | | 0.1 | |
| | | 8 | 8 | 3.5 | 2.4-7.1 | SL | | | | | | 1.0 | |
| | | 1 | 1 | 2.8 | | SL | | | | | | 0.1 | |
| | | 15 | 15 | 3.4 | 2.1-4.7 | SL | | | | | | 1.8 | |
| | | 2 | | | | | | | | | | 0.2 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | ADDITIONAL LARVAE CAUGHT | | | | | | |
| | | SYNGNATHIDAE | | | | | SYNGNATHIDAE | | | | | | |
| | | OPHIIDAE | | | | | OPHIIDAE | | | | | | |
| | | GOBIIDAE | | | | | GOBIIDAE | | | | | | |
| | | TRIGLIDAE | | | | | TRIGLIDAE | | | | | | |
| | | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | |
| L 3 | 22 06 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-24M | | | | | | |
| | | 5 | 5 | 5.4 | 3.3-12.5 | TL | | | | | | 1.6 | |
| | | 2 | 2 | 4.8 | 3.7-5.9 | SL | | | | | | 0.6 | |
| | | | | | | | 1 | 1 | 8.0 | | SL | 0.2 | |
| | | 1 | 1 | 5.5 | | TL | 4 | 4 | 5.8 | 4.3-7.2 | TL | 1.0 | |
| | | 2 | 2 | 3.0 | 2.9-3.1 | NL | | | | | | 0.6 | |
| | | | | | | | 2 | 2 | 5.7 | 5.5-5.9 | SL | 0.3 | |
| | | 27 | 24 | 3.7 | 2.9-4.9 | SL | 74 | 67 | 3.4 | 1.6-8.7 | SL | 20.3 | |
| | | | | | | | 2 | 2 | 9.1 | 8.5-9.7 | SL | 0.3 | |
| | | 13 | 13 | 3.6 | 2.6-6.7 | SL | 2 | 1 | 3.5 | | SL | 4.3 | |
| | | | | | | | 7 | 7 | 4.7 | 3.3-5.8 | SL | 1.1 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | ADDITIONAL LARVAE CAUGHT | | | | | | |
| | | OPHIIDAE | | | | | OPHIIDAE | | | | | | |
| | | MUGILIDAE | | | | | MUGILIDAE | | | | | | |
| | | UNIDENTIFIED | | | | | TETRAODONTIDAE | | | | | | |
| | | | | | | | | | | | | | |
| L 4 | 22 06 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | | |
| | | 2 | 2 | 14.7 | 13.8-15.6 | TL | | | | | | 0.7 | |
| | | 1 | 1 | 3.8 | | SL | | | | | | 0.3 | |
| | | | | | | | 1 | 1 | 5.3 | | SL | 0.3 | |
| | | 6 | 6 | 4.8 | 3.8-5.7 | TL | 4 | 4 | 5.9 | 4.7-8.9 | TL | 3.1 | |
| | | 1 | 1 | 4.0 | | SL | 3 | 1 | 4.4 | | SL | 1.3 | |
| | | 5 | 5 | 3.3 | 2.4-4.3 | SL | 13 | 12 | 5.3 | 3.8-6.6 | SL | 5.8 | |
| | | | | | | | 1 | 1 | 17.0 | | SL | 0.3 | |
| | | 4 | 4 | 5.0 | 4.1-5.8 | SL | 1 | 1 | 5.1 | | SL | 1.5 | |
| | | 1 | 1 | 6.7 | | SL | | | | | | 0.3 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | ADDITIONAL LARVAE CAUGHT | | | | | | |
| | | SYNGNATHIDAE | | | | | SYNGNATHIDAE | | | | | | |
| | | LABRIDAE OR SCARIDAE | | | | | LABRIDAE OR SCARIDAE | | | | | | |
| | | GOBIIDAE | | | | | GOBIIDAE | | | | | | |
| | | BALISTIDAE | | | | | BALISTIDAE | | | | | | |
| | | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | |
| L 5 | 22 06 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | | |
| | | 5 | 5 | 8.1 | 4.9-12.6 | TL | | | | | | 1.7 | |
| | | 1 | 1 | 7.4 | | SL | 2 | 2 | 5.5 | 5.3-5.8 | SL | 1.0 | |
| | | 6 | 6 | 6.3 | 4.6-9.4 | TL | 1 | 1 | 5.4 | | TL | 2.1 | |
| | | | | | | | 1 | 1 | 4.1 | | SL | 0.3 | |
| | | 1 | 1 | 4.1 | | NL | | | | | | 0.3 | |
| | | | | | | | 1 | 1 | 4.1 | | SL | 0.3 | |
| | | 30 | 30 | 4.2 | 1.9-7.3 | SL | 3 | 3 | 4.0 | 3.9-4.0 | SL | 10.0 | |
| | | 6 | 5 | 4.7 | 3.6-6.2 | SL | | | | | | 2.0 | |
| | | 5 | 5 | 4.5 | 3.1-6.4 | SL | 1 | 1 | 2.8 | | SL | 1.8 | |
| | | | | | | | 2 | 1 | 13.7 | | SL | 0.7 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | ADDITIONAL LARVAE CAUGHT | | | | | | |
| | | LOPHIIFORMES | | | | | LOPHIIFORMES | | | | | | |
| | | OPHIIDAE | | | | | OPHIIDAE | | | | | | |
| | | CARANGIIDAE | | | | | CARANGIIDAE | | | | | | |
| | | GOBIIDAE | | | | | GOBIIDAE | | | | | | |
| | | STROMATEIDAE | | | | | STROMATEIDAE | | | | | | |
| | | TRIGLIDAE | | | | | TRIGLIDAE | | | | | | |
| | | BALISTIDAE | | | | | BALISTIDAE | | | | | | |
| | | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | |
| N 1 | 23 06 | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 0-6M | | | | | | |
| | | 1 | 1 | 3.4 | | SL | | | | | | 0.1 | |

| CRUISE DATE | NUMBER | LARVAE | | | | NO. | LARVAE | | | | 2 | |
|------------------------------|---|--------|--------------|-----------|-------|------|-------------|------|--------------|-------|-------|------|
| NO. 7 1966 | TOTAL MEAS. | MEAN | LENGTHS (MM) | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | LENGTHS (MM) | RANGE | MEAS. | EGGS |
| STA. 0 M | SPECIES ANALYZED | | | | | | | | | | | |
| M 2 23 06 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| ENCRAULIS EURYSTOLE | 1 | 1 | 15.1 | | TL | | | | | | | 0.3 |
| MYCOTOPHIDAE | 1 | 1 | 3.7 | | SL | | | | | | | 0.3 |
| CYANESCION SP. | 2 | 2 | 3.1 | 2.9- 3.4 | SL | | | | | | | 0.6 |
| PARATUS FASCIATUS | 1 | 1 | 3.7 | | SL | | | | | | | 0.3 |
| MENTICIRRHUS SP. | 5 | 5 | 3.4 | 2.4- 4.6 | SL | | | | | | | 1.5 |
| PERILUS TRIACANTHUS | 1 | 1 | 3.3 | | SL | | | | | | | 0.3 |
| SYMPHYRUS SP. | 1 | 1 | 2.8 | | SL | | | | | | | 0.3 |
| ADDITIONAL LARVAE CAUGHT | SYNODONTIDAE PARALEPIDIDAE OPHIOTIDAE STROMATEIDAE BALISTIDAE TETRAODONTIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | |
| M 3 23 06 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| OPHIOTIDUS GOMEST | 3 | 3 | 28.8 | 24.5-31.5 | TL | | | | | | | 0.9 |
| SARTINELLA ANCHOVIA | 2 | 2 | 8.8 | 7.0-10.7 | TL | | | | | | | 0.6 |
| ENCRAULIS EURYSTOLE | 22 | 22 | 8.5 | 3.9-17.7 | TL | | | | | | | 6.7 |
| MYCOTOPHIDAE | 2 | 1 | 4.6 | | SL | | | | | | | 0.6 |
| CERATOSCOPELUS MADERENSIS | 12 | 12 | 5.4 | 3.5- 7.0 | SL | | | | | | | 3.6 |
| CERATOSCOPELUS WARMINGI | 1 | 1 | 7.6 | | SL | | | | | | | 0.3 |
| DIAPHUS SP. | 1 | | | | | | | | | | | 0.3 |
| MYCOTOPHIDAE AFFINE | 3 | 3 | 5.4 | 4.0- 6.8 | SL | | | | | | | 0.9 |
| HEMANTHIA VIVANUS | 2 | 2 | 3.4 | 3.0- 3.9 | SL | | | | | | | 0.6 |
| AUXIS SP. | 186 | 183 | 4.6 | 3.1-10.5 | SL | | | | | | | 6.4 |
| ELTHYNUS ALLETTIEMATUS | 1 | 1 | 6.8 | | SL | | | | | | | 0.3 |
| THUNNUS ALBACARES | 1 | 1 | 7.1 | | SL | | | | | | | 0.3 |
| THUNNUS GRESUS OR ATLANTICUS | 1 | 1 | 6.1 | | SL | | | | | | | 0.3 |
| PERILUS TRIACANTHUS | 2 | 2 | 3.3 | 2.5- 4.1 | SL | | | | | | | 0.6 |
| PERILUS OCELLATUS | 12 | 12 | 5.7 | 3.5- 7.4 | SL | | | | | | | 3.6 |
| CYCLOPSETTA FIMBRIATA | 1 | 1 | 3.8 | | SL | | | | | | | 0.3 |
| ETROPUS MICROSTOMUS | 2 | 2 | 3.1 | 2.9- 3.3 | SL | | | | | | | 0.6 |
| SYACIUM PAPILLIOSUM | 15 | 15 | 4.3 | 2.1- 8.2 | SL | | | | | | | 4.5 |
| SYMPHYRUS SP. | 3 | 3 | 4.6 | 3.0- 6.7 | SL | | | | | | | 0.9 |
| ADDITIONAL LARVAE CAUGHT | MURAENIDAE CYCLOTHICAE SP. SYNODONTIDAE PARALEPIDIDAE LOPHIIFORMES SYNGNATHIDAE SERPENTIDAE APOGONIDAE CARANGIDAE CORYPHAENIDAE SPARIDAE LABRIDAE OR SCARIDAE MUGILIDAE BLENNIIDAE GOBIIDAE SCORPAENIDAE BALISTIDAE TETRAODONTIDAE UNIDENTIFIED | | | | | | | | | | | |

TABLE 3. (continued)

| CRUISE DATE | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 |
|-----------------------------------|--------------------|--------------|-------|----------|------|------------------------|--------------|-------|-----------|------|---|
| D 66 7 1966 | NUMBER | LENGTHS (MM) | | NO. | | NUMBER | LENGTHS (MM) | | NO. | | |
| STA. D M SPECIES ANALYZED | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | |
| M 4 23 06 | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 1E-33M | | | | |
| MEGALOPS ATLANTICA | | | | | | 1 | 1 | 10.5 | NL | 0.3 | |
| ALBULA VULPES | | | | | | 2 | 1 | 20.0 | NL | 0.7 | |
| OPHIOTHUS GOMESI | | | | | | 2 | 2 | 21.3 | 18.6-24.7 | TL | |
| SARINELLA ANCHOVIA | 1 | 1 | 10.6 | TL | | | | | | 0.3 | |
| ENGRAULIS EURYSTOMIE | 45 | 43 | 8.2 | 3.2-20.7 | TL | 14 | 14 | 5.8 | 2.6-15.1 | TL | |
| MYCTOPHIDAE | 9 | 9 | 4.6 | 2.6-6.4 | SL | | | | | 3.0 | |
| HEMITHOSEMA SUBORBITALE | 1 | 1 | 4.8 | SL | | 1 | 1 | 5.1 | SL | 0.6 | |
| CEPATO SCOPULUS MAHERENSIS | 3 | 3 | 7.4 | 6.6-8.3 | SL | 1 | 1 | 10.9 | SL | 1.2 | |
| CIABEUS SP. | 1 | 1 | 4.5 | SL | | 4 | 4 | 5.6 | 3.9-7.5 | SL | |
| LAMPANICTUS ALATUS OR PHOTONACTUS | 1 | 1 | 5.4 | SL | | 1 | 1 | 5.1 | SL | 0.6 | |
| LAMPANICTUS CUPRINUS | | | | | | 1 | 1 | 6.2 | SL | 0.3 | |
| MYCTOPHUM SELENOPS | 1 | 1 | 4.3 | SL | | | | | | 0.3 | |
| HYDROPHYSIS CHLUS | 1 | 1 | 2.4 | NL | | | | | | 0.3 | |
| HEMANTHUS VIVANUS | 1 | 1 | 4.1 | SL | | 1 | 1 | 6.0 | SL | 0.6 | |
| LARIMUS FASCIATUS | 1 | 1 | 3.9 | SL | | | | | | 0.3 | |
| AUXIS SP. | 143 | 130 | 5.2 | 3.4-12.6 | SL | 35 | 35 | 6.4 | 4.0-10.4 | SL | |
| THURNUS DRESUS OR ATLANTICUS | 1 | 1 | 6.3 | SL | | | | | | 0.3 | |
| THURNUS THYNUS | 1 | 1 | 9.3 | SL | | | | | | 0.3 | |
| PEPILUS TRIACANTHUS | 3 | 3 | 2.6 | 2.5-3.5 | SL | | | | | 1.0 | |
| ACTHUS OCELLATUS | 41 | 25 | 6.4 | 3.5-10.2 | SL | 15 | 14 | 5.2 | 3.5-14.0 | SL | |
| ETROPUS MICROSTOMUS | 3 | 2 | 4.4 | 3.7-5.0 | SL | 2 | 2 | 3.8 | 3.7-3.9 | SL | |
| SYACIUM PAPILLOSUM | 48 | 47 | 5.4 | 2.8-11.1 | SL | 20 | 20 | 3.7 | 1.9-5.4 | SL | |
| SYMPHURUS SP. | 4 | 4 | 6.2 | 3.7-10.7 | SL | 4 | 4 | 5.6 | 3.3-7.7 | SL | |
| ADDITIONAL LARVAE CAUGHT | | | | | | MURAENIDAE | | | | | |
| | | | | | | OPHIOTHIDAE | | | | | |
| | | | | | | CYCLOTHONE SP. | | | | | |
| | | | | | | SYNODONTIDAE | | | | | |
| | | | | | | PARALEPTIDAE | | | | | |
| | | | | | | MYCTOPHIDAE | | | | | |
| | | | | | | BREGMACEROTIDAE | | | | | |
| | | | | | | OPHIOTRICHAE | | | | | |
| | | | | | | FISTULARIIDAE | | | | | |
| | | | | | | SEPRANIIDAE | | | | | |
| | | | | | | APOGONIIDAE | | | | | |
| | | | | | | CARANGIIDAE | | | | | |
| | | | | | | CORYPHAENIIDAE | | | | | |
| | | | | | | SPARIDAE | | | | | |
| | | | | | | ROMACANTHIDAE | | | | | |
| | | | | | | LABRIDAE OR SCARIDAE | | | | | |
| | | | | | | MUGILIDAE | | | | | |
| | | | | | | PLENNIIDAE | | | | | |
| | | | | | | CALLIONYMIDAE | | | | | |
| | | | | | | COBLIDAE | | | | | |
| | | | | | | STROMATEIDAE | | | | | |
| | | | | | | SCORPAENIIDAE | | | | | |
| | | | | | | TRIGLIDAE | | | | | |
| | | | | | | DACTYLOPTERUS VCLITANS | | | | | |
| | | | | | | BALISTIDAE | | | | | |
| | | | | | | TETRAODONTIDAE | | | | | |
| | | | | | | UNIDENTIFIED | | | | | |

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[illegible]

TABLE 3. (continued)

| CRUISE DATE | ***** LARVAE ***** | ***** LARVAE ***** | 2 |
|----------------------------------|---|--|-------------|
| 1966 7 1966 | NUMBER | NUMBER | NO. |
| STA. NO. SPECIES ANALYZED | TOTAL MEAS. MEAN LENGTHS (MM) NO. | TOTAL MEAS. MEAN LENGTHS (MM) NO. | NO. PER 10M |
| P 1 24 06 | SAMPLING DEPTH 0- 6M | MEAS. EGGS | EGGS |
| ANCHOA HERSETUS | 2 2 17.3 9.7-25.0 TL | | 0.2 |
| ADDITIONAL LARVAE CAUGHT | SCIAENIDAE BLENNIIDAE TRIGLICAE UNIDENTIFIED | | |
| | | | |
| P 2 24 06 | SAMPLING DEPTH 0- 6M | | |
| SCIAENELLA ANCHOVIA | 6 6 5.5 3.0- 8.1 TL | | 0.7 |
| ANCHOA HERSETUS | 1 1 17.0 TL | | 0.1 |
| ENGRAULIS EURYSTOIE | 96 1 16.8 TL | | 11.6 |
| MENTICIPPUS SP. | 8 6 2.7 1.9- 3.5 SL | | 1.0 |
| PRIONOTUS CARLINUS | 9 9 3.3 1.6- 4.5 SL | | 1.1 |
| SYMPHURUS SP. | 2 2 3.8 3.3- 4.2 SL | | 0.2 |
| ADDITIONAL LARVAE CAUGHT | SYNGNATHIDAE ATHERINIDAE SYNGNATHIDAE BLENNIIDAE STOMATIDAE PALISTIDAE UNIDENTIFIED | | |
| | | | |
| P 3 24 06 | SAMPLING DEPTH 0- 6M | | |
| ANCHOA HERSETUS | 2 2 16.7 15.0-19.5 TL | | 0.2 |
| PERCIPUS TPIACANTHUS | 47 45 1.7 1.1- 2.1 SL | | 5.7 |
| SYMPHURUS SP. | 1 1 3.1 SL | | 0.1 |
| ADDITIONAL LARVAE CAUGHT | BLENNIIDAE CORIIDAE PALISTIDAE UNIDENTIFIED | | |
| | | | |
| F 4 24 06 | SAMPLING DEPTH 0-15M | SAMPLING DEPTH 18-24M | |
| ENGRAULIS EURYSTOIE | 5 3 8.9 7.5-10.3 TL | | 1.6 |
| PRIONOTUS CARLINUS | 7 7 2.1 1.7- 2.7 SL | 1 1 1.9 SL | 2.3 |
| PERCIPUS MICROSTOMUS | 2 2 2.9 2.9- 2.9 SL | 1 2 2.8 2.8- 2.8 SL | 0.8 |
| SYMPHURUS SP. | 5 5 2.9 2.5- 3.2 SL | 1 1 3.1 SL | 1.7 |
| ADDITIONAL LARVAE CAUGHT | CARANGIDAE BLENNIIDAE PALISTIDAE UNIDENTIFIED | CPHIDIIDAE BALISTIDAE UNIDENTIFIED | |
| | | | |
| F 5 25 06 | SAMPLING DEPTH 0-15M | SAMPLING DEPTH 18-33M | |
| ENGRAULIS EURYSTOIE | 2 2 6.3 6.1-10.5 TL | | 0.7 |
| MYCTOPHIDAE | 5 5 3.8 3.2- 4.2 SL | 2 2 2.7 3.6- 3.9 SL | 2.2 |
| CRATOSCEPHELLUS MADAGASCARIENSIS | 9 9 7.8 5.7- 11.4 SL | 2 2 6.5 7.5- 9.6 SL | 3.4 |
| CRATOSCEPHELLUS WAKAMINGI | 11 11 4.4 2.9- 5.9 SL | 31 30 4.2 2.6- 7.7 SL | 13.6 |
| DIAPHUS SP. | 7 7 5.5 4.0- 8.0 SL | 10 10 5.4 3.1- 9.7 SL | 5.4 |
| LAMPANYCTUS SP. | 2 2 3.8 3.3- 4.3 SL | | 0.7 |
| LAMPANYCTUS ALATUS OR PHOTONOTUS | | 3 3 8.3 3.9-10.5 SL | 1.0 |
| LAMPANYCTUS ATER | 1 1 6.7 SL | | 0.3 |
| LAMPANYCTUS NODULUS | | 2 2 5.5 5.2- 6.7 SL | 0.7 |
| LAMPADENA SP. | 1 1 7.6 SL | | 0.3 |
| ACANTHONYBIUM SOLANDEI | 3 3 4.8 2.6- 8.3 SL | 1 1 6.2 SL | 1.2 |
| ALUXIS SP. | 6 6 3.8 2.9- 5.6 SL | 4 4 5.2 4.8- 5.8 SL | 3.1 |
| KATSUMONIS PELAMIS | | 5 5 4.0 2.8- 5.9 SL | 1.7 |
| ROTHUS OCELLATUS | 2 2 4.5 3.6- 5.4 SL | 5 5 5.3 3.5- 6.7 SL | 2.3 |
| SYNACTIUM PAPILLOSUM | | 1 1 10.9 SL | 0.3 |
| ADDITIONAL LARVAE CAUGHT | CYCLOTHONE SP. VINCIGUERRIA SP. STOMIATIDAE CAPRIDAE SERRANIDAE POMACENTRIDAE MUGILIDAE BALISTIDAE TETRAODONTIDAE UNIDENTIFIED | CYCLOTHONE SP. STOMIATIDAE SYNGNATHIDAE CHLOROPHTHALMIDAE PARALEPIDIDAE CAPRIDAE SERPENTIDAE APOGONIDAE CARANGIDAE LABRIDAE OR SCARIDAE CALLIONYMIDAE GEMPYIDAE SCORPAENIDAE TETRAODONTIDAE UNIDENTIFIED | |

| CRUISE DATE | | ***** LARVAE ***** | | | | | | | | | | ***** LARVAE ***** | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|----------------------|--|--|--|--|--------------|--|--|--|--|--------------------|--|--|--|--|----------|--|--|--|--|----------------|--|--|--|--|--------|--|--|--|--|-------------|--|--|--|--|------|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|
| NO. 10 1966 | | NUMBER | | | | | LENGTHS (MM) | | | | | NO. | | | | | NUMBER | | | | | LENGTHS (MM) | | | | | NO. | | | | | NO. PER 10M | | | | | | | | | | | | | | | | | | | |
| STA. 04 | | TOTAL MEAS. | | | | | MEAN | | | | | RANGE | | | | | EGGS | | | | | TOTAL MEAS. | | | | | MEAN | | | | | RANGE | | | | | EGGS | | | | | LARVAE | | | | | | | | | |
| SPECIES ANALYZED | | SAMPLING DEPTH | | | | | C-6M | | | | | SL | | | | | | | | | | SAMPLING DEPTH | | | | | 1E-24M | | | | | | | | | | | | | | | | | | | | | | | | |
| A 1 (5.08) | | 1 | | | | | 1 | | | | | 8.2 | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CERATOSCORPUS MAURENSIS | | 1 | | | | | 1 | | | | | 8.2 | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENCYCLYOPUS CIMBRIUS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UROPHYCEUS CHUS | | 13 | | | | | 10 | | | | | 3.3 | | | | | 2.1-4.8 | | | | | NL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MERLUCCIIUS BILINEARIS | | 14 | | | | | 13 | | | | | 3.2 | | | | | 2.2-5.6 | | | | | NL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TAUTOGALANUS | | 3 | | | | | 3 | | | | | 4.1 | | | | | 2.6-5.6 | | | | | TL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADSPERSUS | | 25 | | | | | 25 | | | | | 7.2 | | | | | 4.8-11.4 | | | | | TL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERILUS TRIACANTHUS | | 8 | | | | | 8 | | | | | 4.5 | | | | | 4.0-7.0 | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIPPOGLOSSINA OBLINUS | | 3 | | | | | 3 | | | | | 2.9 | | | | | 2.7-3.0 | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCORPHEALUS AQUINUS | | 12 | | | | | 6 | | | | | 5.4 | | | | | 2.7-9.0 | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | 6 | | | | | 6 | | | | | 3.5 | | | | | 2.6-4.3 | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A 2 (5.08) | | SAMPLING DEPTH 0-15M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UROPHYCEUS CHUS | | 33 | | | | | 13 | | | | | 2.7 | | | | | 1.6-5.5 | | | | | NL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MERLUCCIIUS BILINEARIS | | 31 | | | | | 29 | | | | | 2.8 | | | | | 1.6-5.1 | | | | | NL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TAUTOGALANUS ADSPERSUS | | 4 | | | | | 4 | | | | | 6.1 | | | | | 4.1-7.6 | | | | | TL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCORPHEALUS | | 1 | | | | | 1 | | | | | 7.7 | | | | | | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERILUS TRIACANTHUS | | 9 | | | | | 9 | | | | | 4.3 | | | | | 3.3-5.8 | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIPPOGLOSSINA OBLINUS | | 9 | | | | | 9 | | | | | 3.9 | | | | | 2.4-7.2 | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCORPHEALUS AQUINUS | | 39 | | | | | 38 | | | | | 3.7 | | | | | 2.4-4.9 | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | 1 | | | | | 1 | | | | | 14.7 | | | | | | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A 3 (5.08) | | SAMPLING DEPTH 0-15M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CERATOSCORPUS MAURENSIS | | 1 | | | | | 1 | | | | | 7.5 | | | | | | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENCYCLYOPUS CIMBRIUS | | 4 | | | | | 4 | | | | | 4.4 | | | | | 2.9-6.8 | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UROPHYCEUS CHUS | | 8 | | | | | 6 | | | | | 2.2 | | | | | 1.6-2.7 | | | | | NL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MERLUCCIIUS BILINEARIS | | 41 | | | | | 34 | | | | | 4.0 | | | | | 2.2-6.2 | | | | | NL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TAUTOGALANUS | | 2 | | | | | 2 | | | | | 4.0 | | | | | 3.8-4.3 | | | | | TL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADSPERSUS | | 5 | | | | | 5 | | | | | 5.8 | | | | | 3.7-7.0 | | | | | TL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCORPHEALUS | | 1 | | | | | 1 | | | | | 3.5 | | | | | | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERILUS TRIACANTHUS | | 7 | | | | | 7 | | | | | 4.6 | | | | | 2.9-5.5 | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIPPOGLOSSINA OBLINUS | | 6 | | | | | 4 | | | | | 2.7 | | | | | 2.4-2.8 | | | | | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCORPHEALUS AQUINUS | | 26 | | | | | 26 | | | | | 4.1 | | | | | 3.0-6.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 3. (continued)

101

| CRUISE DATE | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | NO. PER 10 ² | | |
|---------------------------------------|------------------------|--------------|-------|------------|------|-----------------------|--------------|-------|----------|-----------|-------------------------|-------|-----|
| 06610 1966 | NUMBER | LENGTHS (MM) | NO. | MEAS. | EGGS | NUMBER | LENGTHS (MM) | NO. | MEAS. | EGGS | LARVAE | EGGS | |
| STA. 04 M SPECIES ANALYZED | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | LARVAE | EGGS | |
| P 4 06 08 | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-33M | | | | | | |
| LCPHIUS AMERICANUS | | | | | | 1 | 1 | 5.6 | TL | | 0.3 | | |
| ENCHELIOPLS CIMBRIUS | 5 | 5 | 3.1 | 2.4- 3.9 | SL | 1 | 1 | 6.5 | SL | 0 | 1.8 | 0.0 | |
| UROPHYCIS CHUSS | 23 | 10 | 3.6 | 1.9- 6.1 | NL | 1 | 1 | 3.7 | NL | | 7.7 | | |
| MERLUCCIIUS BILINEARIS | 29 | 25 | 3.9 | 1.7- 6.4 | NL | 15 | 15 | 5.5 | 2.9- 5.7 | NL | 13.7 | 1.3 | |
| PEROMOMUS SAL TATRIX | 28 | 28 | 3.6 | 2.8- 5.8 | SL | 2 | 2 | 4.0 | 3.9- 4.1 | SL | 9.3 | | |
| TAUTOGLABRUS AOSPERSUS | 1 | 1 | 2.2 | | TL | | | | | | 0.3 | | |
| SARCA SARCA | 18 | 18 | 4.0 | 2.9- 6.4 | TL | 2 | 2 | 3.6 | 3.0- 4.3 | TL | 6.1 | | |
| PERILUS TRIACANTHUS | 20 | 16 | 4.0 | 3.2- 5.6 | SL | | | | | 0 | 6.7 | 2.0 | |
| PRIONITUS CARLINUS | 41 | 38 | 3.3 | 1.3- 6.3 | SL | 11 | 11 | 4.6 | 3.5- 6.3 | SL | 16.0 | | |
| CITHARICHTHYS ARCTIFRONS | 3 | 3 | 4.0 | 3.4- 4.4 | SL | | | | | | 1.0 | | |
| HIPPOGLOSSINA OBLIQUUS | 1 | 1 | 5.2 | | SL | 1 | 1 | 6.1 | | SL | 0.6 | | |
| GLYPTOCEPHALUS CYNOCLOSSUS | 10 | 10 | 3.9 | 2.2- 5.4 | SL | | | | | | 3.3 | | |
| LIMANDA FERRUGINEA | 1 | 1 | 2.3 | | SL | | | | | | 0.3 | | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | 3 | 3 | 5.3 | 7.7-10.4 | SL | 1.0 | | |
| | | | | | | 12 | 12 | 7.5 | 6.1- 9.9 | SL | 4.0 | | |
| | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | | |
| | | | | | | | | | | | | | |
| P 5 06 08 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | | |
| CERATOSCOPELUS MAHERENSIS | | | | | | 5 | 5 | 7.4 | 6.7- 8.5 | SL | 1.7 | | |
| LCPHIUS AMERICANUS | 1 | 1 | 3.5 | | TL | 1 | 1 | 6.6 | | TL | 0.6 | | |
| ENCHELIOPLS CIMBRIUS | 2 | 2 | 5.2 | 3.8- 6.6 | SL | 26 | 25 | 3.8 | 2.3- 6.5 | SL | 9.3 | 1.7 | |
| UROPHYCIS CHUSS | 35 | 17 | 2.7 | 1.2- 4.6 | NL | 5 | 3 | 3.1 | 1.2- 4.5 | NL | 12.2 | | |
| MERLUCCIIUS BILINEARIS | 112 | 88 | 4.1 | 2.0- 5.7 | NL | 12 | 85 | 65 | 6.2 | 2.2-13.0 | NL | 61.9 | 4.3 |
| PEROMOMUS SAL TATRIX | 9 | 9 | 3.5 | 3.0- 4.1 | SL | | | | | | 3.0 | | |
| TAUTOGLABRUS AOSPERSUS | 26 | 24 | 4.0 | 2.5- 5.7 | TL | 3 | 2 | 4.0 | 3.4- 4.6 | TL | 8.8 | | |
| AUXIS SP. | 1 | 1 | 4.9 | | SL | 1 | 1 | 6.0 | | SL | 0.6 | | |
| SARCA SARCA | 61 | 58 | 4.0 | 3.2- 6.4 | SL | 5 | | | | 0 | 20.3 | 1.7 | |
| SCOMBER SCOMBRUS | 2 | 2 | 2.9 | 2.7- 3.2 | SL | 0 | 69 | 48 | 3.0 | 2.6- 3.8 | SL | 23.6 | 0.0 |
| PERILUS TRIACANTHUS | 39 | 37 | 3.4 | 1.6- 8.7 | SL | | 11 | 11 | 4.2 | 1.6- 7.2 | SL | 15.4 | |
| CITHARICHTHYS ARCTIFRONS | 46 | 25 | 5.5 | 4.5- 8.1 | SL | | 8 | 8 | 6.9 | 5.7-11.4 | SL | 16.5 | |
| HIPPOGLOSSINA OBLIQUUS | 21 | 20 | 4.5 | 2.4- 7.1 | SL | | 2 | 1 | 6.3 | | SL | 7.0 | |
| GLYPTOCEPHALUS CYNOCLOSSUS | | | | | | | 4 | 3 | 12.1 | 8.9-15.4 | SL | 1.3 | |
| LIMANDA FERRUGINEA | | | | | | | 10 | 5 | 5.2 | 7.9-11.9 | SL | 3.3 | |
| ADDITIONAL LARVAE CAUGHT | PISODONCHIS CRUENTIFER | | | | | OPHICHTHICAE | | | | | | | |
| | STROMATIDAE | | | | | UNIDENTIFIED | | | | | | | |
| | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | | |
| | | | | | | | | | | | | | |
| P 6 06 08 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | | |
| CERATOSCOPELUS MAHERENSIS | 7 | 7 | 7.4 | 6.7- 8.6 | SL | 6 | 6 | 8.0 | 7.7- 8.4 | SL | 4.1 | | |
| LCPHIUS AMERICANUS | | | | | | 8 | 8 | 5.7 | 4.3- 8.1 | TL | 2.7 | | |
| ENCHELIOPLS CIMBRIUS | | | | | | 5 | 5 | 3.4 | 2.7- 4.1 | SL | 1.7 | 0.0 | |
| UROPHYCIS CHUSS | 367 | 42 | 3.7 | 1.4- 8.6 | NL | 29 | 11 | 4.2 | 2.4- 5.1 | NL | 122.3 | | |
| MERLUCCIIUS BILINEARIS | 98 | 56 | 5.4 | 2.6-15.1 | NL | 1 | 172 | 149 | 6.8 | 3.0-16.7 | NL | 86.7 | 0.3 |
| PEROMOMUS SAL TATRIX | 5 | 5 | 3.6 | 3.4- 3.8 | SL | | | | | | 1.7 | | |
| TAUTOGLABRUS AOSPERSUS | 1 | 1 | 6.7 | | TL | | | | | | 0.3 | | |
| AUXIS SP. | 17 | 17 | 4.7 | 4.0- 7.0 | SL | | 1 | 1 | 4.1 | | SL | 5.7 | |
| SARCA SARCA | 8 | 8 | 6.1 | 5.6- 6.8 | SL | 0 | 1 | 1 | 5.0 | | SL | 2.7 | 0.0 |
| PERILUS TRIACANTHUS | 207 | 59 | 3.3 | 1.2-17.6 | SL | | 10 | 10 | 5.0 | 2.2-13.5 | SL | 69.0 | |
| CITHARICHTHYS ARCTIFRONS | 42 | 25 | 5.5 | 4.1- 7.1 | SL | | 2 | 1 | 9.9 | | SL | 14.0 | |
| HIPPOGLOSSINA OBLIQUUS | 71 | 50 | 4.4 | 3.1- 6.7 | SL | | 5 | 5 | 4.5 | 3.7- 6.3 | SL | 23.7 | |
| GLYPTOCEPHALUS CYNOCLOSSUS | | | | | | | 3 | 2 | 12.9 | 11.6-15.4 | SL | 1.0 | |
| LIMANDA FERRUGINEA | | | | | | | 5 | 5 | 9.4 | 7.8-10.6 | SL | 1.7 | |
| ADDITIONAL LARVAE CAUGHT | ANGUILLIFORMES | | | | | UNIDENTIFIED | | | | | | | |
| | CYCLOTHONE SP. | | | | | UNIDENTIFIED | | | | | | | |
| | OPHICHTHICAE | | | | | UNIDENTIFIED | | | | | | | |
| | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | | |
| | | | | | | | | | | | | | |
| P 7 05 08 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | | |
| PISODONCHIS CRUENTIFER | 2 | 2 | 38.2 | 22.5- 54.0 | TL | | | | | | 0.7 | | |
| CERATOSCOPELUS MAHERENSIS | 15 | 15 | 7.9 | 6.3- 9.8 | SL | 19 | 19 | 8.0 | 6.2- 9.4 | SL | 10.8 | | |
| LCPHIUS AMERICANUS | | | | | | 25 | 25 | 5.0 | 3.2- 7.3 | TL | 8.3 | | |
| UROPHYCIS CHUSS | 227 | 20 | 3.6 | 1.4-15.5 | NL | | 88 | 16 | 3.9 | 2.3- 5.3 | NL | 57.4 | |
| MERLUCCIIUS BILINEARIS | 163 | 162 | 6.6 | 3.2-15.3 | NL | 0 | 726 | 701 | 8.5 | 3.5-25.9 | NL | 290.9 | 0.0 |
| AUXIS SP. | 3 | 3 | 5.5 | 3.8- 8.6 | SL | | | | | | 1.0 | | |
| PERILUS TRIACANTHUS | 2 | 2 | 7.5 | 6.0- 9.0 | SL | | | | | | 0.7 | | |
| CITHARICHTHYS ARCTIFRONS | 39 | 25 | 6.9 | 4.2-12.1 | SL | | 21 | 21 | 7.0 | 2.6-11.0 | SL | 18.7 | |
| HIPPOGLOSSINA OBLIQUUS | 7 | 6 | 5.2 | 3.5- 6.7 | SL | | | | | | 2.3 | | |
| GLYPTOCEPHALUS CYNOCLOSSUS | | | | | | | 6 | 6 | 14.9 | 6.7-24.5 | SL | 2.0 | |
| LIMANDA FERRUGINEA | 1 | 1 | 15.4 | | SL | | 10 | 10 | 10.5 | 8.2-14.6 | SL | 3.6 | |
| ADDITIONAL LARVAE CAUGHT | ANGUILLIFORMES | | | | | CYCLOTHONE SP. | | | | | | | |
| | OPHICHTHICAE | | | | | UNIDENTIFIED | | | | | | | |
| | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | | |
| | OPHICHTHICAE | | | | | UNIDENTIFIED | | | | | | | |
| | CALLIONYMICAE | | | | | UNIDENTIFIED | | | | | | | |
| | STROMATIDAE | | | | | UNIDENTIFIED | | | | | | | |
| | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | | |

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|-------------|---------------------------------------|----------------------|--------------|-------|-------------|-------------|-----------------------|-------|-----------------|-------------|------|---|--|
| 0610 1966 | | NUMBER | LENGTHS (MM) | | NO. | NUMBER | LENGTHS (MM) | | NO. | NO. PER 10M | 2 | | |
| STA. | DATE | TOTAL MEAS. | MEAN | RANGE | EGGS | TOTAL MEAS. | MEAN | RANGE | EGGS | LARVAE | EGGS | | |
| C 1 | 06 08 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| | AREVODRTIA TYRANNUS | 3 | 3 | 8.6 | 8.1- 9.1 TL | | | | | 0.4 | | | |
| | ENGRAULIS EURYSTOLE | 223 | 29 | 5.2 | 2.8- 6.5 TL | | | | | 27.0 | | | |
| | LOPHIUS AMERICANUS | 1 | 1 | 3.4 | TL | | | | | 0.1 | | | |
| | ENCYCLYOPUS CIMBRIUS | 2 | 2 | 3.7 | 3.2- 4.1 SL | 0 | | | | 0.2 | 0.0 | | |
| | UROPHYCIS CHLUS | 19 | 16 | 1.6 | 1.3- 2.0 NL | | | | | 2.3 | | | |
| | MERLUCCIIUS BILINEARIS | 2 | 2 | 2.1 | 1.8- 2.4 NL | 0 | | | | 0.2 | 0.0 | | |
| | PCMATOMUS SALTATRIX | 2 | 2 | 6.9 | 3.0-10.8 SL | | | | | 0.2 | | | |
| | TAUTOGLABRUS ADSPERSUS | 71 | 65 | 3.4 | 2.1- 7.4 TL | | | | | 8.6 | | | |
| | PEPILUS TRIACANTHUS | 11 | 10 | 2.8 | 1.9- 3.2 SL | | | | | 1.3 | | | |
| | PRICNOTUS CARLINIUS | 2 | 2 | 4.3 | 3.9- 4.7 SL | | | | | 0.2 | | | |
| | HIPPGLLOSSINA OBLINGUS | 6 | 6 | 3.6 | 2.2- 7.8 SL | | | | | 0.7 | | | |
| | SCOPHTHALMUS AQUOSUS | 5 | 5 | 3.8 | 3.1- 4.2 SL | | | | | 0.6 | | | |
| | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | |
| | SYNGNATHICAE | | | | | | | | | | | | |
| | SPARIDAE | | | | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | | |
| C 2 | 07 08 | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| | AREVODRTIA TYRANNUS | 1 | 1 | 7.7 | TL | | | | | 0.3 | | | |
| | ENGRAULIS EURYSTOLE | 413 | 22 | 5.3 | 2.8- 7.0 TL | | | | | 125.1 | | | |
| | LOPHIUS AMERICANUS | 1 | 1 | 3.0 | TL | | | | | 0.3 | | | |
| | ENCYCLYOPUS CIMBRIUS | 44 | 42 | 2.6 | 1.5- 4.6 SL | 0 | | | | 13.3 | 0.0 | | |
| | MERLUCCIIUS BILINEARIS | | | | | 1 | | | | 0.0 | 0.3 | | |
| | MENTICARRHUS SP. | 1 | 1 | 3.0 | SL | | | | | 0.3 | | | |
| | TAUTOGLABRUS ADSPERSUS | 45 | 45 | 4.1 | 2.3- 8.9 TL | | | | | 13.6 | | | |
| | PEPILUS TRIACANTHUS | 12 | 12 | 2.7 | 1.4- 3.5 SL | | | | | 3.6 | | | |
| | SCOPHTHALMUS AQUOSUS | 9 | 8 | 4.7 | 2.7- 7.2 SL | | | | | 2.7 | | | |
| | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | |
| C 3 | 07 08 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | AREVODRTIA TYRANNUS | 2 | 2 | 9.8 | 9.3-10.3 TL | | | | | 0.6 | | | |
| | ENGRAULIS EURYSTOLE | 18 | 15 | 6.2 | 5.1- 7.2 TL | | | | | 5.8 | | | |
| | ENCYCLYOPUS CIMBRIUS | 10 | 9 | 4.3 | 2.5- 7.7 SL | 0 | 5 | 5 | 3.3 2.2- 4.3 SL | 0 | 0.0 | | |
| | UROPHYCIS CHLUS | 2 | 2 | 1.4 | 1.4- 1.5 NL | | | | | 0.6 | | | |
| | MERLUCCIIUS BILINEARIS | 9 | 9 | 3.2 | 2.6- 5.5 NL | 0 | | | | 2.9 | 0.0 | | |
| | PCMATOMUS SALTATRIX | 14 | 14 | 3.9 | 3.4- 5.1 SL | | | | | 4.5 | | | |
| | TAUTOGLABRUS ADSPERSUS | 21 | 21 | 4.2 | 3.1- 8.3 TL | | | | | 6.8 | | | |
| | PEPILUS TRIACANTHUS | 6 | 6 | 3.8 | 2.3- 7.0 SL | | | | | 1.9 | | | |
| | ETREPOS MICROSTOMUS | 2 | 2 | 9.7 | 7.7-11.7 SL | | | | | 0.6 | | | |
| | HIPPGLLOSSINA OBLINGUS | 9 | 9 | 5.8 | 2.4- 9.2 SL | | 2 | 2 | 5.5 4.2- 7.5 SL | | 3.1 | | |
| | SCOPHTHALMUS AQUOSUS | 3 | 3 | 21.5 | 2.4-35.0 SL | | | | | 1.0 | | | |
| | LIMANDA FERRUGINEA | 3 | 3 | 9.8 | 7.2-12.0 SL | | 4 | 4 | 8.2 3.9-12.0 SL | | 1.6 | | |
| | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | |
| C 4 | 07 08 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | ENGRAULIS EURYSTOLE | 11 | 6 | 4.3 | 3.0- 6.3 TL | | | | | | | | |

| CRUISE DATE | | ***** LARVAE ***** | | | | ***** LARVAE ***** | | | | | |
|-----------------------------|--|--|-----|------------------|-------------|---|-----|------------------|-------------|-------------|-------|
| NO. 1966 | | NUMBER | | LENGTHS (MM) | | NUMBER | | LENGTHS (MM) | | | |
| STA. D M SPECIES ANALYZED | | TOTAL MEAS. | | MEAN RANGE MEAS. | | TOTAL MEAS. | | MEAN RANGE MEAS. | | NO. PER 10M | |
| C 7 C7 08 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | LARVAE | |
| LEPIDIUS AMERICANUS | | 1 | 1 | 5.9 | TL | 1 | 1 | 3.5 | TL | 0.6 | |
| ENCHELIOPLIS CIMBRIUS | | | | | | 15 | 15 | 3.2 | 2.0- 4.2 SL | 0 | 0.3 |
| UROPHYCIS CHUSS | | 39 | 13 | 4.6 | 1.5- 7.0 NL | 102 | 14 | 3.9 | 2.6- 5.6 NL | 45.7 | |
| MEPLUCCIUS BILINEARIS | | | | | | 7 | 6 | 5.2 | 4.5- 6.0 NL | 2.3 | 0.0 |
| POMATOMUS SALIATRIX | | 4 | 3 | 4.7 | 3.1- 7.5 SL | 3 | 3 | 3.0 | 2.9- 3.1 SL | 2.2 | |
| TAUTOGLABRUS ADSPERSUS | | 2 | 2 | 6.2 | 6.1- 6.4 TL | | | | | 0.7 | |
| ALIXIS SP. | | 1 | 1 | 9.2 | SL | 1 | 1 | 6.6 | SL | 0.6 | |
| SARCA SARCA | | 9 | 9 | 6.0 | 4.7- 8.1 SL | 17 | 17 | 5.6 | 4.3- 8.8 SL | 8.4 | 0.3 |
| PEPRILUS TRIACANTHUS | | 80 | 80 | 4.2 | 2.5- 9.5 SL | 24 | 24 | 4.7 | 2.6- 6.6 SL | 32.0 | |
| CITHARICHTHYS ARCTIFRONS | | 41 | 25 | 5.5 | 3.7- 8.7 SL | 14 | 14 | 6.3 | 5.0- 7.6 SL | 17.0 | |
| HIPPOGLOSSINA OBLUNCUS | | 7 | 7 | 4.7 | 2.5- 7.5 SL | 13 | 12 | 3.9 | 3.0- 5.8 SL | 6.4 | |
| GLYPTOCEPHALUS CYNODGLOSSUS | | | | | | 6 | 5 | 10.2 | 8.3-12.7 SL | 2.0 | |
| ADDITIONAL LARVAE CAUGHT | | OPHICHTHIDAE CYCLOTHIDAE SP. OPHIIDIIDAE | | | | OPHICHTHIDAE OPHIIDIIDAE STROMATEIDAE | | | | | |
| | | | | | | | | | | | |
| C 8 C7 08 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| LEPIDIUS AMERICANUS | | 1 | 1 | 5.0 | TL | 12 | 12 | 6.4 | 3.4-11.9 TL | 4.3 | |
| ENCHELIOPLIS CIMBRIUS | | | | | | 27 | 26 | 3.3 | 2.1- 4.4 SL | 9.0 | 0.0 |
| UROPHYCIS CHUSS | | 25 | 25 | 4.5 | 1.2- 7.5 NL | 56 | 11 | 4.5 | 2.2- 9.3 NL | 26.2 | |
| MEPLUCCIUS BILINEARIS | | 1 | 1 | 4.9 | NL | 87 | 73 | 5.4 | 3.3- 7.3 NL | 29.3 | 0.0 |
| POMATOMUS SALIATRIX | | 4 | 4 | 3.6 | 3.4- 3.8 SL | | | | | 1.3 | |
| SARCA SARCA | | 2 | 2 | 6.0 | 4.1- 7.5 SL | 1 | 1 | 10.8 | SL | 0.9 | 0.0 |
| PEPRILUS TRIACANTHUS | | 43 | 43 | 5.1 | 3.1- 8.5 SL | 11 | 11 | 4.4 | 3.2- 5.7 SL | 16.6 | |
| CITHARICHTHYS ARCTIFRONS | | 143 | 25 | 6.1 | 5.0- 8.2 SL | 22 | 22 | 6.8 | 5.1-11.2 SL | 50.2 | |
| HIPPOGLOSSINA OBLUNCUS | | 5 | 5 | 4.8 | 3.8- 5.8 SL | 3 | 3 | 5.5 | 3.6- 5.0 SL | 2.5 | |
| GLYPTOCEPHALUS CYNODGLOSSUS | | | | | | 4 | 4 | 12.9 | 5.3-25.9 SL | 1.3 | |
| ADDITIONAL LARVAE CAUGHT | | OPHICHTHIDAE OPHIIDIIDAE STROMATEIDAE | | | | | | | | | |
| | | | | | | | | | | | |
| D 1 C8 08 | | SAMPLING DEPTH 0- 6M | | | | | | | | | |
| ENGRAULIS EURYSTOLE | | 15 | 9 | 3.7 | 1.9- 7.0 TL | | | | | 1.8 | |
| TAUTOGLABRUS ADSPERSUS | | 4 | 2 | 6.7 | 6.0- 7.4 TL | | | | | 0.5 | |
| | | | | | | | | | | | |
| D 2 C8 08 | | SAMPLING DEPTH 0- 6M | | | | | | | | | |
| ENGRAULIS EURYSTOLE | | 15 | 15 | 5.1 | 3.7- 7.0 TL | | | | | 1.8 | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | |
| | | | | | | | | | | | |
| D 3 C8 08 | | SAMPLING DEPTH 0-15M | | | | | | | | | |
| POMATOMUS SALIATRIX | | 1 | 1 | 2.9 | SL | | | | | 0.3 | |
| PEPRILUS TRIACANTHUS | | 5 | 5 | 1.8 | 1.4- 2.2 SL | | | | | 1.5 | |
| ETREPOS MICROSTOMUS | | 1 | 1 | 2.5 | SL | | | | | 0.3 | |
| HIPPOGLOSSINA OBLUNCUS | | 5 | 5 | 3.1 | 2.2- 4.3 SL | | | | | 1.5 | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | |
| | | | | | | | | | | | |
| C 4 C8 08 | | SAMPLING DEPTH 0- 6M | | | | | | | | | |
| ENGRAULIS EURYSTOLE | | 2 | 2 | 6.8 | 5.5- 8.1 TL | | | | | 0.2 | |
| UROPHYCIS CHUSS | | 1 | 1 | 3.5 | NL | | | | | 0.1 | |
| POMATOMUS SALIATRIX | | 36 | 36 | 3.9 | 2.4- 6.2 SL | | | | | 4.4 | |
| SARCA SARCA | | | | | | | | | | 0.0 | C. 4 |
| PEPRILUS TRIACANTHUS | | 5 | 5 | 4.6 | 1.7-11.0 SL | | | | | 0.6 | |
| CITHARICHTHYS ARCTIFRONS | | 1 | 1 | 2.5 | SL | | | | | 0.1 | |
| HIPPOGLOSSINA OBLUNCUS | | 8 | 3 | 4.7 | 2.8- 6.1 SL | | | | | 1.0 | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | |
| | | | | | | | | | | | |
| C 5 C8 08 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-24M | | | | | |
| APEJODITIA TYFANNUS | | 1 | 1 | 10.6 | TL | | | | | 0.3 | |
| ANCHOA HERSETUS | | 12 | 12 | 7.7 | 4.8-11.2 TL | | | | | 3.9 | |
| LEPIDIUS AMERICANUS | | 1 | 1 | 4.0 | TL | | | | | 0.3 | |
| ENCHELIOPLIS CIMBRIUS | | | | | | 0 | 3 | 4.2 | 3.7- 4.8 SL | 0 | C. C |
| UROPHYCIS CHUSS | | 77 | 23 | 3.1 | 1.3- 4.8 NL | | 5 | 4.6 | 3.5- 6.6 NL | 24.9 | |
| MEPLUCCIUS BILINEARIS | | 4 | 4 | 3.7 | 2.4- 7.1 NL | 6 | 1 | 3.2 | NL | 1.4 | 1.9 |
| POMATOMUS SALIATRIX | | 549 | 546 | 3.5 | 2.5- 5.1 SL | | 22 | 3.4 | 2.8- 4.5 SL | 177.4 | |
| TAUTOGLABRUS ADSPERSUS | | 7 | 6 | 6.7 | 5.1- 8.5 TL | | 9 | 6.7 | 7.7-10.0 TL | 3.6 | |
| ALIXIS SP. | | 206 | 164 | 3.1 | 2.0- 4.7 SL | | 2 | 2.9 | 2.8- 3.1 SL | 66.6 | |
| SARCA SARCA | | 48 | 44 | 3.4 | 2.8- 4.4 SL | 159 | 5 | 4.0 | 3.5- 4.9 SL | 15.5 | 51.4 |
| PEPRILUS TRIACANTHUS | | 137 | 50 | 3.2 | 1.5- 7.5 SL | | 14 | 6.0 | 2.0- 9.0 SL | 44.3 | |
| PEICNOTUS CAROLINUS | | 1 | 1 | 4.7 | SL | | | | | 0.3 | |
| PEICNOTUS EVOLANS | | 6 | 6 | 5.1 | 4.6- 5.4 SL | | | | | 1.9 | |
| CITHARICHTHYS ARCTIFRONS | | 76 | 25 | 2.7 | 1.9- 7.6 SL | | 4 | 7.1 | 6.0- 7.7 SL | 24.6 | |
| ETREPOS MICROSTOMUS | | 19 | 19 | 3.4 | 2.1- 5.6 SL | | | | | 6.1 | |
| HIPPOGLOSSINA OBLUNCUS | | 331 | 50 | 3.8 | 2.4- 5.2 SL | | 138 | 50 | 5.1 | 3.2- 6.7 SL | 123.9 |
| GLYPTOCEPHALUS CYNODGLOSSUS | | | | | | | 1 | 1 | 28.2 | SL | 0.2 |
| LIMANDA FERRUGINEA | | | | | | | 20 | 19 | 6.7 | 6.1-13.9 SL | 3.2 |
| ADDITIONAL LARVAE CAUGHT | | STROMATEIDAE UNIDENTIFIED | | | | STROMATEIDAE | | | | | |

TABLE 3. (continued)

104

| CRUISE DATE 06610 1966 STA. 0 M SPECIES ANALYZED D 6 (E CR | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 NO. PER 10M EGGS | |
|---|--|--------------------------|--------------|-------|------------|------|-----------------------|--------------|-------|------------|-----------|--------------------------|-------|
| | | NUMBER | LENGTHS (MM) | AC. | | | NUMBER | LENGTHS (MM) | NO. | | | | |
| | | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | LARVAE | |
| | | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 16-33M | | | | | |
| ENCRAULIS EURYSTOLE | | 7 | 7 | 6.7 | 5.8- 7.7 | TL | | | | | | 2.3 | |
| LEPHEUS AMERICANUS | | 3 | 3 | 5.4 | 4.8- 6.3 | TL | | | | | | 1.0 | |
| HERPETHICIS CHUSS | | 26 | 10 | 3.6 | 2.0- 5.1 | NL | 7 | 7 | 2.9 | 1.5- 3.7 | NL | 10.1 | |
| MERLUCCIIUS BILINEARIS | | 7 | 6 | 5.8 | 4.5- 6.5 | NL | | | | | 0 | 2.3 | |
| PERMATOMUS SALTATRIK | | 77 | 77 | 3.3 | 2.2- 5.6 | SL | 2 | 2 | 4.3 | 4.3- 4.4 | SL | 25.7 | |
| TAUTOGOLABRUS ADSPERSUS | | 30 | 20 | 4.5 | 3.3- 9.0 | TL | 1 | 1 | 3.4 | | | 10.0 | |
| ALXIS SP. | | 1 | 1 | 5.8 | | | | | | | | 0.3 | |
| SARCA SARDA | | 12 | 12 | 4.7 | 3.1- 6.4 | SL | | | | | 0 | 4.0 | |
| PERPILUS TRIACANTHUS | | 5 | 5 | 3.8 | 2.5- 6.2 | SL | | | | | | 1.7 | |
| PRIONOTUS CARLINIUS | | 2 | 2 | 5.3 | 4.9- 5.7 | SL | | | | | | 0.7 | |
| PRIONOTUS EVOLANS | | 1 | 1 | 6.7 | | | 1 | 1 | 6.3 | | | 0.6 | |
| CITHARICHTHYS ARCTIFRONS | | 5 | 5 | 5.9 | 2.6- 10.1 | SL | 1 | 1 | 5.2 | | | 1.8 | |
| HIPPOGLOSSINA ORLINIUS | | 10 | 10 | 5.1 | 3.2- 6.5 | SL | 3 | 2 | 5.5 | 4.5- 6.4 | SL | 4.0 | |
| GLYPTOCEPHALLUS CYNOGLOSSUS | | | | | | | 3 | 2 | 17.6 | 16.4- 19.7 | SL | 1.0 | |
| LIMANDA FERRUCINEA | | | | | | | 11 | 11 | 10.5 | 8.6- 12.4 | SL | 3.7 | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | | UNIDENTIFIED | | | | | |
| | | | | | | | | | | | | | |
| D 7 (07 08 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 16-33M | | | | | | |
| LEPHEUS AMERICANUS | | 5 | 5 | 6.2 | 4.4- 8.9 | TL | | | | | | 1.7 | |
| ENCRAULIS EURYSTOLE | | 1 | 1 | 2.9 | | | | | | | 0 | 0.3 | |
| HERPETHICIS CHUSS | | 74 | 21 | 3.4 | 1.8- 4.4 | NL | 7 | 5 | 3.3 | 2.2- 4.6 | NL | 24.7 | |
| MERLUCCIIUS BILINEARIS | | 21 | 20 | 6.0 | 4.5- 13.5 | NL | 6 | 6 | 12.2 | 6.4- 17.6 | NL | 8.3 | |
| PERMATOMUS SALTATRIK | | 114 | 51 | 4.1 | 2.8- 5.8 | SL | 4 | 4 | 3.7 | 3.3- 4.6 | SL | 28.0 | |
| TAUTOGOLABRUS ADSPERSUS | | 26 | 26 | 4.9 | 3.4- 9.0 | TL | | | | | | 8.7 | |
| SARCA SARDA | | 4 | 4 | 6.6 | 3.8- 10.2 | SL | 0 | 1 | 1 | 4.1 | | 1.5 | |
| PERPILUS TRIACANTHUS | | 15 | 15 | 4.3 | 1.7- 7.0 | SL | | | | | | 5.0 | |
| CITHARICHTHYS ARCTIFRONS | | 21 | 19 | 4.5 | 3.3- 6.7 | SL | 4 | 4 | 5.5 | 5.2- 5.8 | SL | 7.6 | |
| ETROPUS MICROSTOMUS | | 1 | 1 | 3.2 | | | 1 | | | | | 0.6 | |
| HIPPOGLOSSINA ORLINIUS | | 6 | 6 | 4.9 | 3.1- 6.2 | SL | 1 | 1 | 3.7 | | | 2.1 | |
| GLYPTOCEPHALLUS CYNOGLOSSUS | | | | | | | 1 | 1 | 12.7 | | | 0.3 | |
| LIMANDA FERRUCINEA | | 5 | 5 | 12.5 | 10.1- 14.7 | SL | 30 | 30 | 11.0 | 7.2- 16.7 | SL | 11.5 | |
| ADDITIONAL LARVAE CAUGHT | | STROMATEIDAE | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| D 8 (07 08 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 16-33M | | | | | | |
| PISCODONOPHIS CRUENTIFER | | 1 | 1 | 27.2 | | TL | | | | | | 0.3 | |
| MYCOPHIDAE | | | | | | | 1 | 1 | 5.5 | | | 0.3 | |
| CERATOSCOPELUS MAHERENSIS | | 2 | 2 | 15.5 | 14.9- 16.1 | SL | | | | | | 0.7 | |
| LEPHEUS AMERICANUS | | 1 | 1 | 13.5 | | | 4 | 4 | 6.7 | 5.6- 8.4 | TL | 1.6 | |
| ENCRAULIS EURYSTOLE | | | | | | | 0 | 1 | 1 | 4.2 | | 0.3 | |
| HERPETHICIS CHUSS | | 106 | 16 | 3.8 | 1.6- 6.1 | NL | 7 | 5 | 4.3 | 3.7- 4.9 | NL | 35.3 | |
| MERLUCCIIUS BILINEARIS | | 1 | 1 | 3.6 | | | 0 | 64 | 61 | 10.2 | 6.0- 15.5 | NL | 21.6 |
| TAUTOGOLABRUS ADSPERSUS | | 1 | 1 | 11.1 | | TL | | | | | | 0.3 | |
| ALXIS SP. | | 51 | 45 | 4.6 | 2.6- 8.4 | SL | | 2 | 2 | 6.2 | 6.1- 6.3 | SL | 17.0 |
| SARCA SARDA | | 14 | 14 | 6.9 | 3.5- 8.8 | SL | 0 | | | | | 4.7 | |
| PERPILUS TRIACANTHUS | | 27 | 26 | 4.7 | 1.7- 9.0 | SL | | 11 | 11 | 6.9 | 5.5- 9.3 | SL | 11.8 |
| CITHARICHTHYS ARCTIFRONS | | 115 | 25 | 5.2 | 2.7- 9.3 | SL | | 313 | 25 | 6.2 | 4.7- 6.7 | SL | 138.8 |
| MENCLENE SESSILICAUDA | | 1 | 1 | 11.8 | | | | | | | | 0.3 | |
| HIPPOGLOSSINA ORLINIUS | | 40 | 38 | 5.2 | 2.5- 7.7 | SL | | 9 | 8 | 5.8 | 4.7- 7.0 | SL | 15.0 |
| SCOPHTHALMUS AQUINUS | | 3 | 3 | 2.7 | 2.6- 2.7 | SL | | | | | | 1.0 | |
| GLYPTOCEPHALLUS CYNOGLOSSUS | | | | | | | 21 | 21 | 16.2 | 11.3- 31.5 | SL | 7.0 | |
| LIMANDA FERRUCINEA | | | | | | | 17 | 17 | 10.6 | 7.3- 13.8 | SL | 5.7 | |
| ADDITIONAL LARVAE CAUGHT | | OPHIIDAE | | | | | OPHIIDAE | | | | | | |
| | | PISCODONOPHIS CRUENTIFER | | | | | CARAPIDAE | | | | | | |
| | | OPHIIDAE | | | | | BLENNIIDAE | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| E 1 (08 08 | | SAMPLING DEPTH 0- 6M | | | | | | | | | | | |
| ANCHCA WITCHILLI | | 2 | 1 | 6.5 | | TL | | | | | | 0.2 | |
| ADDITIONAL LARVAE CAUGHT | | SYNGNATHIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| E 2 (08 08 | | SAMPLING DEPTH 0- 6M | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| E 3 (09 09 | | SAMPLING DEPTH 0- 6M | | | | | | | | | | | |
| ENCRAULIS EURYSTOLE | | 2 | 2 | 9.1 | 8.8- 9.5 | TL | | | | | | 0.2 | |
| PERMATOMUS SALTATRIK | | 1 | 1 | 3.1 | | | | | | | | 0.1 | |
| PERPILUS TRIACANTHUS | | 1 | 1 | 4.7 | | | | | | | | 0.1 | |
| | | | | | | | | | | | | | |
| E 4 (09 09 | | SAMPLING DEPTH 0- 6M | | | | | | | | | | | |
| ENCRAULIS EURYSTOLE | | 12 | 11 | 7.0 | 5.6- 8.4 | TL | | | | | | 1.5 | |
| PERPILUS TRIACANTHUS | | 29 | 29 | 3.4 | 1.0- 6.6 | SL | | | | | | 3.5 | |

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | NO. PER 10M ² | |
|-------------|-------|---------------------------------------|--------------|----------------|-------|-------|--------------------|----------------|--------|-------|--------------|--------------------------|------|
| 196610 1966 | | NUMBER | LENGTHS (MM) | NO. | EGGS | | NUMBER | LENGTHS (MM) | NO. | EGGS | | LAKE | EGGS |
| STA. | D M | SPECIES ANALYZED | | TOTAL MEAS. | MEAN | RANGE | MEAS. | TOTAL MEAS. | MEAN | RANGE | MEAS. | | |
| E 5 | 09 09 | | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 1E-24M | | | | |
| | | ENCAULIS EURYSTOE | | 2 | 2 | 6.1 | 5.6- 6.6 TL | 8 | 8 | 5.8 | 3.7- 7.0 TL | 1.9 | |
| | | PEMATOMUS SAL TATRIK | | 95 | 95 | 4.2 | 2.9- 6.7 SL | 11 | 11 | 4.0 | 3.6- 4.8 SL | 31.0 | |
| | | AUXIS SP. | | 2 | 2 | 3.6 | 3.0- 4.3 SL | | | | | 0.6 | |
| | | PEPRILUS TRIACANTHUS | | 5 | 5 | 4.7 | 3.3- 7.0 SL | 28 | 28 | 4.7 | 2.6- 8.0 SL | 6.1 | |
| | | PRIONOTUS EVOLANS | | 1 | 1 | 5.5 | SL | | | | | 0.3 | |
| | | CITHARICHTHYS ARCTIFRONS | | 1 | 1 | 5.2 | SL | 15 | 15 | 6.8 | 3.3- 9.1 SL | 2.7 | |
| | | ETROPLUS MICROSTOMUS | | | | | | 10 | 10 | 7.1 | 4.6-10.3 SL | 1.6 | |
| | | HIPPFGLOSSINA OBLONGUS | | | | | | 21 | 20 | 5.2 | 4.2- 6.7 SL | 3.4 | |
| | | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | STROMATEIDAE | | | | | | |
| E 6 | 09 08 | | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 1E-33M | | | | |
| | | ENCAULIS EURYSTOE | | 2 | 2 | 4.8 | 4.3- 5.3 TL | 3 | 2 | 7.7 | 4.7-10.7 TL | 1.0 | |
| | | LEPHEUS AMERICANUS | | 1 | 1 | 5.7 | TL | 1 | 1 | 5.7 | TL | 0.9 | |
| | | UROPHYCIS CHUSS | | 17 | 17 | 4.3 | 2.3- 9.0 NL | 21 | 5 | 4.6 | 2.9- 6.7 NL | 12.1 | |
| | | HERLUCCIUS BILINEARIS | | 1 | 1 | 5.3 | NL | 3 | 3 | 6.0 | 5.8- 6.2 NL | 1.3 | 0.0 |
| | | PEMATOMUS SAL TATRIK | | 59 | 59 | 4.3 | 2.9- 7.2 SL | 12 | 12 | 5.5 | 4.0- 6.7 SL | 21.7 | |
| | | TALOGGLABRUS ADSPERSUS | | 3 | 3 | 5.7 | 5.4- 6.0 TL | 4 | 4 | 7.1 | 6.0- 8.2 TL | 2.2 | |
| | | AUXIS SP. | | 20 | 20 | 4.4 | 3.4- 5.2 SL | | | | | 6.7 | |
| | | SARCA SARCA | | 1 | 1 | 7.0 | SL | | | | | 0.3 | 0.0 |
| | | PEPRILUS TRIACANTHUS | | 8 | 8 | 5.4 | 2.7- 7.0 SL | 5 | 5 | 7.3 | 6.8- 8.0 SL | 4.1 | |
| | | CITHARICHTHYS ARCTIFRONS | | 38 | 37 | 5.1 | 3.2- 7.7 SL | 163 | 25 | 4.5 | 3.2- 7.9 SL | 65.7 | |
| | | ETROPLUS MICROSTOMUS | | 1 | | | | 2 | 2 | 5.4 | 5.4- 5.4 SL | 1.0 | |
| | | HIPPFGLOSSINA OBLONGUS | | 13 | 12 | 4.3 | 2.8- 6.1 SL | 30 | 27 | 5.0 | 3.5- 8.5 SL | 13.9 | |
| | | GLYPTOCEPHALUS CYANOCLOSSUS | | | | | | 1 | 1 | 15.4 | SL | 0.3 | |
| | | LEMANEA FERROLINEA | | | | | | 5 | 5 | 8.1 | 6.5-10.0 SL | 1.7 | |
| | | ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | OPHIIDAE | | | | | | |
| E 7 | 09 08 | | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 1E-33M | | | | |
| | | UROPHYCIS CHUSS | | 13 | 10 | 3.9 | 2.9- 8.0 NL | 4 | 4 | 3.5 | 2.7- 5.3 NL | 5.2 | |
| | | HERLUCCIUS BILINEARIS | | 2 | 2 | 3.3 | 2.9- 3.7 NL | 5 | 5 | 5.5 | 4.2- 7.2 NL | 2.3 | 0.0 |
| | | PEMATOMUS SAL TATRIK | | 209 | 209 | 3.8 | 2.7- 5.4 SL | 21 | 21 | 3.9 | 2.9- 5.5 SL | 65.7 | |
| | | AUXIS SP. | | 10 | 9 | 3.5 | 2.7- 4.5 SL | 3 | 3 | 4.0 | 3.8- 4.3 SL | 4.0 | |
| | | SARCA SARCA | | 1 | 1 | 3.3 | SL | 0 | 1 | 3.5 | SL | 0.6 | 0.0 |
| | | PEPRILUS TRIACANTHUS | | 10 | 10 | 5.2 | 3.5- 6.5 SL | 6 | 6 | 6.1 | 5.6- 7.2 SL | 5.0 | |
| | | CITHARICHTHYS ARCTIFRONS | | 23 | 21 | 3.8 | 2.4- 5.5 SL | 32 | 32 | 5.0 | 2.2- 5.8 SL | 17.9 | |
| | | HIPPFGLOSSINA OBLONGUS | | 20 | 20 | 3.4 | 2.6- 4.5 SL | 25 | 23 | 5.0 | 2.9- 6.7 SL | 14.3 | |
| | | GLYPTOCEPHALUS CYANOCLOSSUS | | | | | | 3 | 3 | 17.7 | 14.7-20.4 SL | 1.0 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | OPHIIDAE | | | | | | |
| E 8 | 09 08 | | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 1E-33M | | | | |
| | | LEPHEUS AMERICANUS | | | | | | 1 | 1 | 14.3 | TL | 0.3 | |
| | | UROPHYCIS CHUSS | | 23 | 19 | 2.2 | 1.2- 4.0 NL | 4 | 3 | 5.3 | 3.0- 6.7 NL | 8.2 | |
| | | AUXIS SP. | | 81 | 19 | 5.6 | 2.8-10.5 SL | 2 | 2 | 5.3 | 4.1- 6.5 SL | 27.0 | |
| | | SARCA SARCA | | 2 | 2 | 7.6 | 7.1- 8.1 SL | 1 | 1 | 10.2 | SL | 0.9 | 0.3 |
| | | PEPRILUS TRIACANTHUS | | 3 | 3 | 4.0 | 3.0- 5.9 SL | 8 | 8 | 13.8 | 7.4-24.7 SL | 3.6 | |
| | | CITHARICHTHYS ARCTIFRONS | | 49 | 25 | 3.3 | 2.0- 5.4 SL | 5 | 5 | 4.8 | 3.9- 6.6 SL | 16.4 | |
| | | HIPPFGLOSSINA OBLONGUS | | 37 | 34 | 3.0 | 1.8- 4.4 SL | 6 | 6 | 4.2 | 3.0- 7.6 SL | 13.1 | |
| | | ADDITIONAL LARVAE CAUGHT OPHICHTHIDAE | | | | | OPHICHTHIDAE | | | | | | |
| | | | | | | | MYCTOPHIDAE | | | | | | |
| | | | | | | | UNIDENTIFIED | | | | | | |
| F 1 | 10 08 | | | SAMPLING DEPTH | 0- 6M | | | | | | | | |
| | | ANCHOA MITCHILLI | | 29 | 29 | 3.8 | 2.0-13.3 TL | | | | | 3.5 | |
| | | ADDITIONAL LARVAE CAUGHT SYNGNATHIDAE | | | | | | | | | | | |
| F 2 | 10 08 | | | SAMPLING DEPTH | 0- 6M | | | | | | | | |
| | | ANCHOA MITCHILLI | | 11 | 11 | 4.3 | 2.5-11.1 TL | | | | | 1.3 | |
| | | PEPRILUS TRIACANTHUS | | 1 | 1 | 2.2 | SL | | | | | 0.1 | |
| | | HIPPFGLOSSINA OBLONGUS | | 1 | 1 | 1.9 | SL | | | | | 0.1 | |
| | | ADDITIONAL LARVAE CAUGHT SYNGNATHIDAE | | | | | | | | | | | |
| F 3 | 10 08 | | | SAMPLING DEPTH | 0-15M | | | | | | | | |
| | | PEPRILUS TRIACANTHUS | | 1 | 1 | 16.8 | SL | | | | | 0.3 | |
| | | HIPPFGLOSSINA OBLONGUS | | 1 | 1 | 6.2 | SL | | | | | 0.3 | |
| | | ADDITIONAL LARVAE CAUGHT SYNGNATHIDAE | | | | | | | | | | | |
| F 4 | 10 08 | | | SAMPLING DEPTH | 0-15M | | | | | | | | |
| | | ENCAULIS EURYSTOE | | 4 | 2 | 7.0 | 3.5-10.5 TL | | | | | 1.2 | |
| | | TALOGGLABRUS ADSPERSUS | | 1 | 1 | 2.7 | TL | | | | | 0.3 | |
| | | PEPRILUS TRIACANTHUS | | 9 | 9 | 10.0 | 1.8-16.4 SL | | | | | 2.7 | |
| | | PEPRILUS CAPLINUS | | 3 | 3 | 2.3 | 2.0- 2.8 SL | | | | | 0.9 | |
| | | HIPPFGLOSSINA OBLONGUS | | 2 | 2 | 4.1 | 2.3- 5.8 SL | | | | | 0.6 | |

TABLE 3. (continued)

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| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | | |
|-------------|-------|----------------------------|----------------|------------|--------------|----|--------------------|--------------|-------------|-----|---|-------------|------|
| 0610 1966 | | NUMBER | LENGTHS (MM) | | NO. | | NUMBER | LENGTHS (MM) | | NO. | | NO. PER 10M | 2 |
| STA. | D.M. | SPECIES ANALYZED | TOTAL MEAS. | MEAN RANGE | MEAS. EGGS | | TOTAL MEAS. | MEAN RANGE | MEAS. EGGS | | | LARVAE | EGGS |
| F 5 | 09 09 | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-24M | | | | | |
| | | ENGRAULIS EURYSTOIE | 14 | 12 7.8 | 4.0-10.3 TL | | 4 | 3 6.0 | 5.1- 6.8 TL | | | 4.9 | |
| | | UROPHYCIS CHLUS | 4 | 3 5.7 | 3.7- 7.3 NL | | 3 | 2 7.6 | 6.8- 8.5 NL | | | 1.7 | |
| | | CENTROPOMISTIS STRIATA | 3 | 3 3.6 | 2.8- 4.5 SL | | 1 | 1 3.7 | | SL | | 1.1 | |
| | | PEMATOMUS SALIATRIX | 37 | 37 4.3 | 2.4- 5.5 SL | | 1 | 1 3.1 | | SL | | 12.0 | |
| | | ALXIS SP. | 2 | 2 4.1 | 2.8- 5.5 SL | | | | | | | 0.6 | |
| | | SARCA SARCA | 2 | 2 4.8 | 4.7- 5.0 SL | 0 | | | | | 0 | 0.6 | 0.0 |
| | | PEPRILUS TRIACANTHUS | 22 | 22 3.8 | 2.0- 7.0 SL | | 5 | 5 3.7 | 2.5- 7.1 SL | | | 7.6 | |
| | | PRICNOTUS CARLINUS | 3 | 3 3.7 | 2.6- 5.4 SL | | 2 | 2 2.9 | 2.8- 2.9 SL | | | 1.3 | |
| | | CITHARICHTHYS ARCIFRONS | 2 | 2 3.9 | 2.7- 5.0 SL | | 5 | 5 4.2 | 3.1- 7.8 SL | | | 1.4 | |
| | | ETREPSIS MICROSTOMUS | 1 | 1 4.5 | | SL | | | | | | 0.3 | |
| | | HIPPOGLOSSINA OBLONGUS | 8 | 8 5.1 | 2.9- 8.4 SL | | 1 | 1 6.7 | | SL | | 2.6 | |
| | | GLYPTOCEPHALUS CYNOGLOSSUS | | | | | 1 | 1 14.2 | | SL | | 0.2 | |
| | | ADDITIONAL LARVAE CAUGHT | STROMATEIDAE | | | | | | | | | | |
| | | | UNIDENTIFIED | | | | | | | | | | |
| | | | | | | | | | | | | | |
| F 6 | 09 09 | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | |
| | | ENGRAULIS EURYSTOIE | 112 | 29 6.4 | 2.4-10.5 TL | | 11 | 11 9.3 | 7.7-12.8 TL | | | 37.3 | |
| | | UROPHYCIS CHLUS | 21 | 17 3.8 | 2.6- 7.0 NL | | 2 | 2 4.1 | 3.1- 5.2 NL | | | 7.0 | |
| | | MERLUCCIIUS BILINEARIS | 1 | 1 6.0 | | NL | 2 | 2 7.0 | 6.5- 7.2 NL | 0 | | 1.0 | 0.0 |
| | | PEMATOMUS SALIATRIX | 240 | 233 4.9 | 3.6- 8.1 SL | | 16 | 16 4.7 | 3.0- 8.0 SL | | | 60.0 | |
| | | TALITOGOLABRUS AOSPERSUS | 7 | 7 5.4 | 4.2- 7.2 TL | | 1 | 1 6.4 | | TL | | 2.4 | |
| | | ALXIS SP. | 28 | 28 4.9 | 3.7- 6.4 SL | | 3 | 3 4.8 | 3.9- 5.4 SL | | | 9.4 | |
| | | PEPRILUS TRIACANTHUS | 225 | 53 3.6 | 1.9- 7.1 SL | | 5 | 3 3.5 | 2.9- 4.0 SL | | | 75.0 | |
| | | CITHARICHTHYS ARCIFRONS | 28 | 27 4.6 | 2.4-11.1 SL | | 6 | 6 4.6 | 3.1- 6.4 SL | | | 10.4 | |
| | | ETREPSIS MICROSTOMUS | 1 | 1 8.7 | | SL | | | | | | 0.3 | |
| | | HIPPOGLOSSINA OBLONGUS | 14 | 13 4.0 | 3.4- 5.2 SL | | 1 | 1 5.5 | | SL | | 4.7 | |
| | | GLYPTOCEPHALUS CYNOGLOSSUS | | | | | 1 | 1 17.9 | | SL | | 0.3 | |
| | | LIMANDA FERRUGINEA | | | | | 1 | 1 13.3 | | SL | | 0.3 | |
| | | ADDITIONAL LARVAE CAUGHT | OPHIIDAE | | | | | | | | | | |
| | | | | | | | | | | | | | |
| F 7 | 09 09 | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | |
| | | PRICNOTUS CARLINUS | 1 | 1 26.3 | | TL | | | | | | 0.3 | |
| | | UROPHYCIS AMERICANUS | 1 | 1 12.1 | | TL | | | | | | 0.3 | |
| | | UROPHYCIS CHLUS | 18 | 17 4.8 | 1.6-14.1 NL | | 2 | 2 7.3 | 6.6- 8.1 NL | | | 6.1 | |
| | | MERLUCCIIUS BILINEARIS | 7 | 7 7.5 | 5.5-10.1 NL | | | | | 0 | | 2.3 | 0.0 |
| | | PEMATOMUS SALIATRIX | 11 | 11 6.1 | 4.0- 9.3 SL | 0 | 1 | 1 4.4 | | SL | | 3.7 | |
| | | TALITOGOLABRUS AOSPERSUS | 5 | 4 8.3 | 6.2-10.0 TL | | | | | | | 1.7 | |
| | | ALXIS SP. | 105 | 57 3.9 | 2.5- 8.5 SL | | 3 | 3 3.5 | 3.3- 4.5 SL | | | 35.0 | |
| | | SARCA SARCA | 2 | 2 8.8 | 8.7- 9.0 SL | 0 | | | | | 0 | 0.7 | 0.0 |
| | | PEPRILUS TRIACANTHUS | 72 | 10 2.9 | 1.8- 4.5 SL | | 3 | 3 3.6 | 3.2- 4.3 SL | | | 24.0 | |
| | | CITHARICHTHYS ARCIFRONS | 271 | 25 4.8 | 2.9- 9.6 SL | | 4 | 4 5.1 | 3.2- 7.2 SL | | | 50.3 | |
| | | HIPPOGLOSSINA OBLONGUS | 26 | 26 4.4 | 2.2- 7.7 SL | | 2 | 2 3.2 | 2.8- 3.5 SL | | | 8.7 | |
| | | GLYPTOCEPHALUS CYNOGLOSSUS | | | | | 4 | 4 26.7 | 9.2-26.1 SL | | | 1.3 | |
| | | LIMANDA FERRUGINEA | 5 | 4 13.2 | 10.8-14.4 SL | | 6 | 6 10.5 | 9.0-12.7 SL | | | 3.5 | |
| | | ADDITIONAL LARVAE CAUGHT | OPHIIDAE | | | | | | | | | | |
| | | | OPHIIDAE | | | | | | | | | | |
| | | | STROMATEIDAE | | | | | | | | | | |
| | | | | | | | | | | | | | |
| C 1 | 21 08 | | SAMPLING DEPTH | 0- 6M | | | | | | | | | |
| | | | | | | | | | | | | | |
| C 2 | 21 08 | | SAMPLING DEPTH | 0- 6M | | | | | | | | | |
| | | ENGRAULIS EURYSTOIE | 9 | 6 2.8 | 2.1- 4.2 TL | | | | | | | | |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | |
| | | | | | | | | | | | | | |
| G 3 | 21 08 | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-24M | | | | | |
| | | PEPRILUS TRIACANTHUS | | | | | 1 | 1 16.2 | | SL | | 0.2 | |
| | | | | | | | | | | | | | |
| G 4 | 21 08 | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-24M | | | | | |
| | | ENGRAULIS EURYSTOIE | 88 | 12 6.2 | 2.0-16.9 TL | | | | | | | 28.4 | |
| | | UROPHYCIS AMERICANUS | 1 | 1 5.3 | | TL | | | | | | 0.3 | |
| | | UROPHYCIS CHLUS | 14 | 11 4.7 | 3.6- 7.1 NL | | 1 | 1 4.5 | | NL | | 4.5 | |
| | | CENTROPOMISTIS STRIATA | 17 | 17 3.6 | 2.3- 5.1 SL | | | | | | | 5.5 | |
| | | ALXIS SP. | 1 | 1 9.5 | | SL | | | | | | 0.3 | |
| | | PEPRILUS TRIACANTHUS | 53 | 51 3.8 | 2.1- 8.5 SL | | 1 | 1 3.0 | | SL | | 17.1 | |
| | | PRICNOTUS CARLINUS | 180 | 33 4.1 | 2.9- 5.5 SL | | 5 | 5 4.9 | 3.3- 5.9 SL | | | 58.2 | |
| | | CITHARICHTHYS ARCIFRONS | 18 | 16 7.5 | 6.2-10.0 SL | | 107 | 25 8.6 | 6.3-11.5 SL | | | 22.8 | |
| | | ETREPSIS MICROSTOMUS | 28 | 25 6.4 | 2.8-11.6 SL | | 1 | 1 10.3 | | SL | | 9.0 | |
| | | HIPPOGLOSSINA OBLONGUS | 8 | 8 5.4 | 3.1- 6.7 SL | | 7 | 7 7.0 | 4.8- 8.5 SL | | | 3.6 | |
| | | LIMANDA FERRUGINEA | 1 | 1 9.1 | | SL | | | | | | 0.3 | |
| | | SYMPHURUS SP. | 3 | 3 7.0 | 6.0- 9.0 SL | | | | | | | 1.0 | |
| | | ADDITIONAL LARVAE CAUGHT | OPHIIDAE | | | | | | | | | | |
| | | | URANOSCOPIDAE | | | | | | | | | | |

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| CRUISE DATE | STATION | SPECIES ANALYZED | NUMBER | LENGTHS (MM) | NO. | NUMBER | LENGTHS (MM) | NO. | NO. PER 10M |
|-------------|---------|----------------------------|----------------------|--------------|-------|-----------------------|--------------|-------|-------------|
| TIME | DEPTH | | TOTAL MEAS. | MEAN | RANGE | TOTAL MEAS. | MEAN | RANGE | EFFIVE |
| C 5 | 21.08 | | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | | |
| | | ENGAULIS EURYSTOLE | 140 | 48 | 5.5 | 2.6-8.5 | TL | | 46.7 |
| | | OPHOCEPHALUS CHLUS | 1 | 1 | 5.8 | NL | | | 0.6 |
| | | MEPILICUS BILINEATUS | 1 | 1 | 3.6 | NL | | | 0.3 |
| | | CENTROPRISTIS STRIATA | 7 | 7 | 4.0 | 3.1-5.5 | SL | | 2.3 |
| | | CYNESCION SP. | 2 | 2 | 3.5 | 3.5-3.5 | SL | | 0.7 |
| | | MEPILICUS SP. | 5 | 5 | 3.7 | 3.5-4.1 | SL | | 1.7 |
| | | PERPILUS TRIACANTHUS | 68 | 65 | 4.9 | 1.5-19.2 | SL | | 22.7 |
| | | PRIONOTUS CARLINUS | 188 | 24 | 4.3 | 2.7-5.7 | SL | | 62.7 |
| | | PRIONOTUS EVOLANS | 4 | 4 | 5.5 | 4.8-6.3 | SL | | 1.3 |
| | | CITRARICHTHYS ARCTIFRONS | 86 | 25 | 6.7 | 4.3-8.7 | SL | | 54.1 |
| | | ETREPIUS MICROSTOMUS | 39 | 39 | 5.7 | 2.3-9.2 | SL | | 13.0 |
| | | HIPPUGLOSSINA OBLONGUS | 1 | 1 | 6.1 | SL | | | 0.3 |
| | | GLYPTOCEPHALUS CYNOGLOSSUS | 2 | 2 | 27.4 | 25.4-29.4 | SL | | 0.7 |
| | | LEIMONIA FERRUGINEA | 2 | 2 | 13.1 | 12.1-14.1 | SL | | 0.7 |
| | | SYMPHYRUS SP. | 2 | 2 | 5.8 | 5.5-6.0 | SL | | 0.7 |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | |
| | | OPHOCEPHALIDAE | | | | | | | |
| C 6 | 21.08 | | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | | |
| | | ENGAULIS EURYSTOLE | 4 | 4 | 12.9 | 5.6-20.1 | TL | | 2.9 |
| | | LEPILUS AMERICANUS | 1 | 1 | 6.4 | TL | | | 0.3 |
| | | OPHOCEPHALUS CHLUS | 64 | 19 | 4.4 | 1.7-10.8 | NL | | 28.5 |
| | | AUXIS SP. | 3 | 3 | 9.9 | 5.6-12.2 | SL | | 1.0 |
| | | PERPILUS TRIACANTHUS | 16 | 13 | 5.2 | 2.6-7.2 | SL | | 6.8 |
| | | PRIONOTUS CARLINUS | 2 | 2 | 5.3 | 3.9-6.8 | SL | | 0.7 |
| | | CITRARICHTHYS ARCTIFRONS | 70 | 25 | 5.6 | 3.6-5.7 | SL | | 28.0 |
| | | ETREPIUS MICROSTOMUS | 1 | 1 | 5.6 | SL | | | 0.3 |
| | | HIPPUGLOSSINA OBLONGUS | 17 | 17 | 5.5 | 3.1-8.8 | SL | | 6.8 |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | |
| | | OPHOCEPHALIDAE | | | | | | | |
| H 1 | 22.08 | | SAMPLING DEPTH 0-3M | | | | | | |
| | | ENGAULIS EURYSTOLE | 7 | 2 | 6.6 | 6.6-6.7 | TL | | 0.4 |
| | | ETREPIUS MICROSTOMUS | 4 | 2 | 6.2 | 5.0-7.3 | SL | | 0.2 |
| | | SYMPHYRUS SP. | 1 | 1 | 4.4 | SL | | | 0.1 |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | |
| | | UNIDENTIFIED | | | | | | | |
| F 2 | 22.08 | | SAMPLING DEPTH 0-15M | | | | | | |
| | | ENGAULIS EURYSTOLE | 3 | 3 | 9.0 | 5.8-13.1 | TL | | 0.9 |
| | | PRIONOTUS CARLINUS | 15 | 15 | 2.6 | 1.5-4.2 | SL | | 4.5 |
| | | SCOPHTHALMUS AQUOSUS | 1 | 1 | 2.1 | SL | | | 0.3 |
| | | SYMPHYRUS SP. | 2 | 2 | 2.9 | 2.9-2.9 | SL | | 0.6 |
| | | ADDITIONAL LARVAE CAUGHT | | | | | | | |
| | | CALLIONYMIDAE | | | | | | | |
| | | STROMATEIDAE | | | | | | | |
| | | UNIDENTIFIED | | | | | | | |
| H 3 | 22.08 | | SAMPLING DEPTH 0-6M | | | | | | |
| | | ENGAULIS EURYSTOLE | 28 | 22 | 4.6 | 3.0-7.4 | TL | | 3.4 |
| | | PERPILUS TRIACANTHUS | 3 | 3 | 6.0 | 3. | | | |

TABLE 3. (continued)

| CRUISE DATE | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|----------------------------|------------------------|--------------|-------|-----------|------|-----------------------|--------------|-------|-----------|------|-------------|--|
| 0661C 1966 | NUMBER | LENGTHS (MM) | | NO. | | NUMBER | LENGTHS (MM) | | NO. | | | |
| STA. 04 | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | NO. PER 10M | |
| SPECIES ANALYZED | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-24M | | | | EGGS | |
| H 5 22 08 | | | | | | | | | | | | |
| PISODONOPHIS CUENTIFER | 3 | 3 | 44.6 | 28.8-61.0 | TL | | | | | | 1.0 | |
| ENGRAULIS EURYSTOIE | 200 | 75 | 7.0 | 3.8-19.0 | TL | 6 | 6 | 8.2 | 5.3-12.5 | TL | 64.6 | |
| LOPHIUS AMERICANUS | 1 | 1 | 6.3 | | TL | 1 | 1 | 10.8 | | TL | 0.5 | |
| UROPHYCIS CHUSS | 33 | 7 | 3.7 | 2.9- 5.7 | NL | | | | | | 10.7 | |
| MERLUCCIIUS BILINEARIS | 1 | 1 | 14.8 | | NL | 1 | 1 | 14.5 | | NL | 0.5 | |
| CENTROPOMUS STRIATA | 28 | 28 | 4.9 | 3.2- 7.3 | SL | 3 | 3 | 5.3 | 4.8- 6.1 | SL | 9.1 | |
| PEROMOTUS SALATRIX | 17 | 17 | 10.3 | 7.7-13.2 | SL | | | | | | 5.5 | |
| MENTIDORRHUS SP. | 1 | 1 | 3.0 | | SL | | | | | | 0.3 | |
| TAUTOGOLABRUS ADSPERSUS | | | | | | 1 | 1 | 12.6 | | TL | 0.2 | |
| AUXIS SP. | 12 | 12 | 7.7 | 3.4- 5.1 | SL | | | | | | 3.9 | |
| PERILUS TRIACANTHUS | 325 | 50 | 4.1 | 2.0-14.5 | SL | 13 | 13 | 7.0 | 2.9-16.5 | SL | 105.0 | |
| PRIONOTUS CAROLINUS | 101 | 23 | 5.3 | 3.1- 8.2 | SL | 2 | 2 | 4.1 | 4.0- 4.3 | SL | 32.6 | |
| PRIONOTUS EVOLANS | | | | | | 1 | 1 | 4.8 | | SL | 0.2 | |
| CITHARICHTHYS ARCTIFRONS | 453 | 26 | 6.1 | 4.1-10.7 | SL | 42 | 42 | 6.5 | 3.3-12.4 | SL | 146.4 | |
| ETROPUS MICROSTOMUS | 114 | 25 | 6.7 | 2.6- 9.9 | SL | 12 | 12 | 8.0 | 4.9-11.6 | SL | 36.9 | |
| HYPOMELANUS DOLINGUS | 10 | 8 | 8.9 | 4.7-12.9 | SL | 1 | 1 | 11.3 | | SL | 3.2 | |
| ADDITIONAL LARVAE CAUGHT | PISODONOPHIS CUENTIFER | | | | | OPHIIDAE | | | | | | |
| | OPHIIDAE | | | | | | | | | | | |
| | URANOSCOPIDAE | | | | | | | | | | | |
| | STROMATEIDAE | | | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | |
| H 6 21 08 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| ENGRAULIS EURYSTOIE | 56 | 59 | 7.4 | 4.4-15.0 | TL | | | | | | 32.0 | |
| UROPHYCIS CHUSS | 76 | 13 | 4.2 | 2.7- 7.8 | NL | 7 | 7 | 3.7 | 3.1- 4.2 | NL | 25.3 | |
| TAUTOGOLABRUS ADSPERSUS | 1 | 1 | 6.9 | | TL | | | | | | 0.3 | |
| AUXIS SP. | 16 | 16 | 5.5 | 4.0-15.1 | SL | | | | | | 5.3 | |
| PERILUS TRIACANTHUS | 46 | 46 | 5.2 | 2.8-18.2 | SL | | | | | | 15.3 | |
| PRIONOTUS CAROLINUS | 36 | 36 | 4.6 | 2.8- 6.6 | SL | 1 | 1 | 5.7 | | SL | 12.0 | |
| CITHARICHTHYS ARCTIFRONS | 74 | 25 | 5.3 | 3.1-13.2 | SL | 10 | 10 | 6.8 | 3.3-15.2 | SL | 25.5 | |
| ETROPUS MICROSTOMUS | 31 | 31 | 6.9 | 3.3- 9.5 | SL | 1 | 1 | 6.6 | | SL | 10.3 | |
| HYPOMELANUS DOLINGUS | 51 | 51 | 5.4 | 3.7- 7.5 | SL | 2 | 2 | 4.4 | 4.1- 4.6 | SL | 17.0 | |
| GLYPHOCEPHALUS CYNCELOSSUS | 1 | 1 | 20.1 | | SL | | | | | | 0.3 | |
| LIMANDA FERRUGINEA | | | | | | 4 | 4 | 10.7 | 9.7-11.9 | SL | 1.3 | |
| ADDITIONAL LARVAE CAUGHT | OPHIIDAE | | | | | OPHIIDAE | | | | | | |
| | OPHIIDAE | | | | | | | | | | | |
| | URANOSCOPIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | |
| H 7 21 08 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| ENGRAULIS EURYSTOIE | 2 | 2 | 16.8 | 8.1-25.5 | TL | | | | | | 0.7 | |
| LOPHIUS AMERICANUS | | | | | | 5 | 5 | 13.3 | 5.1-24.2 | TL | 1.7 | |
| UROPHYCIS SP. | 12 | 11 | 2.4 | 2.0- 2.6 | NL | 1 | 1 | 2.5 | | NL | 4.0 | |
| MERLUCCIIUS BILINEARIS | | | | | | 2 | 2 | 15.1 | 15.0-15.2 | NL | 0.7 | |
| AUXIS SP. | 13 | 13 | 6.0 | 4.1-12.5 | SL | | | | | | 4.3 | |
| PERILUS TRIACANTHUS | 14 | 13 | 4.3 | 2.8- 5.5 | SL | 2 | 2 | 6.0 | 5.0- 7.1 | SL | 4.9 | |
| CITHARICHTHYS ARCTIFRONS | 11 | 8 | 4.3 | 3.4- 6.0 | SL | 15 | 13 | 13.0 | 10.7-15.2 | SL | 8.3 | |
| LIMANDA FERRUGINEA | | | | | | 2 | 2 | 10.0 | 9.9-10.0 | SL | 0.7 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | OPHIIDAE | | | | | | |
| | | | | | | | | | | | | |
| J 1 22 08 | SAMPLING DEPTH 0- 6M | | | | | | | | | | | |
| ANCHNA MITCHELLI | 4 | 4 | 9.1 | 6.3-11.2 | TL | | | | | | 0.5 | |
| ETROPUS MICROSTOMUS | 3 | 3 | 3.7 | 3.4- 4.2 | SL | | | | | | 0.4 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | |
| J 2 22 08 | SAMPLING DEPTH 0- 6M | | | | | | | | | | | |
| ETROPUS MICROSTOMUS | 2 | 1 | 3.3 | | SL | | | | | | 0.2 | |
| ADDITIONAL LARVAE CAUGHT | URANOSCOPIDAE | | | | | | | | | | | |
| | | | | | | | | | | | | |
| J 3 22 08 | SAMPLING DEPTH 0- 6M | | | | | | | | | | | |
| ETROPUS MICROSTOMUS | 3 | 1 | 2.8 | | SL | | | | | | 0.4 | |
| SYMPHYRUS SP. | 2 | 1 | 3.8 | | SL | | | | | | 0.2 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | |
| J 4 22 08 | SAMPLING DEPTH 0- 6M | | | | | | | | | | | |
| ENGRAULIS EURYSTOIE | 6 | 6 | 11.7 | 6.3-21.0 | TL | | | | | | 0.7 | |
| MICROPYGON UNEULATUS | 48 | 47 | 3.8 | 3.0- 6.0 | SL | | | | | | 5.8 | |
| PERILUS TRIACANTHUS | 3 | 2 | 4.5 | 2.2- 6.8 | SL | | | | | | 0.4 | |
| PRIONOTUS CAROLINUS | 4 | 4 | 5.6 | 3.5- 7.9 | SL | | | | | | 0.5 | |
| CITHARICHTHYS ARCTIFRONS | 1 | 1 | 11.8 | | SL | | | | | | 0.1 | |
| ETROPUS MICROSTOMUS | 24 | 22 | 6.6 | 2.2-11.7 | SL | | | | | | 2.9 | |
| SYMPHYRUS SP. | 7 | 6 | 4.5 | 3.4- 5.4 | SL | | | | | | 0.8 | |
| ADDITIONAL LARVAE CAUGHT | OPHIIDAE | | | | | | | | | | | |
| | SCIAENIDAE | | | | | | | | | | | |
| | TRIGLICAE | | | | | | | | | | | |

[illegible]

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | ***** LARVAE ***** | | | | 2 | |
|-------------|----------------------------|--------------------------|------|--------------|--------------|-----------------------|------|--------------|--------------|-------------|------|
| 06610 1966 | | NUMBER | | LENGTHS (MM) | | NUMBER | | LENGTHS (MM) | | NO. PER 10M | |
| STA. | SPECIES ANALYZED | TOTAL MEAS. | MEAN | RANGE | MEAS. EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. EGGS | LARVAE | EGGS |
| K 3 | 24 08 | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 0-15M | | | | | |
| | PARAFILIS EURYSTOE | 25 | 24 | 6.7 | 2.7-18.1 TL | | | | | | 7.6 |
| | UPHRYCHIS SP. | 1 | 1 | 4.4 | NL | | | | | | 0.3 |
| | CENTROPRESTIS STRIATA | 2 | 2 | 4.6 | 3.2- 6.1 SL | | | | | | 0.6 |
| | MICROPYGON UNICULATUS | 4 | 4 | 4.7 | 4.2- 5.3 SL | | | | | | 1.2 |
| | PEPRILUS TRIACANTHUS | 1 | 1 | 4.9 | SL | | | | | | 0.3 |
| | ETREPIUS MICROSTOMUS | 44 | 25 | 3.5 | 2.2-11.8 SL | | | | | | 13.3 |
| | SYMPHURUS SP. | 9 | 9 | 4.6 | 2.8- 6.8 SL | | | | | | 2.7 |
| | ADDITIONAL LARVAE CAUGHT | SYNDONANTIDAE | | | | | | | | | |
| | | OPHIIDIIDAE | | | | | | | | | |
| | | SERRANIIDAE | | | | | | | | | |
| | | GRAMMISTIDAE | | | | | | | | | |
| | | COBITIDAE | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | |
| K 4 | 23 06 | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 16-24M | | | | | |
| | PISCODONOPHIS CRUENTIFER | 4 | 4 | 52.6 | 39.8-63.5 TL | | | | | | 1.3 |
| | ENGRAULIS EURYSTOE | 18 | 16 | 9.7 | 4.0-24.1 TL | | | | | | 5.8 |
| | LOPHIUS AMERICANUS | | | | | 1 | 1 | 24.5 | TL | | 0.2 |
| | CENTROPRESTIS STRIATA | 1 | | | | 2 | 2 | 11.4 | 11.0-11.8 SL | | 0.6 |
| | POGONCHUS SALMAGREX | 1 | 1 | 6.6 | SL | | | | | | 0.3 |
| | MICROPYGON UNICULATUS | 1 | 1 | 4.3 | SL | | | | | | 0.3 |
| | PEPRILUS TRIACANTHUS | 1 | 1 | 3.4 | SL | | | | | | 1.1 |
| | PRIONOTUS CARLINIUS | 1 | 1 | 4.0 | SL | 5 | 5 | 8.5 | 6.1-12.9 SL | | 0.3 |
| | CITHARICHTHYS ARCTIFRONS | 2 | 2 | 7.5 | 6.2- 8.7 SL | 3 | 3 | 10.8 | 8.6-12.5 SL | | 1.1 |
| | ETREPIUS MICROSTOMUS | 80 | 25 | 4.5 | 2.3- 8.3 SL | 12 | 12 | 10.6 | 3.7-12.7 SL | | 26.5 |
| | HIPPOGLOSSINA OBLIQUUS | | | | | 3 | 2 | 7.4 | 6.7- 8.0 SL | | 0.5 |
| | SYMPHURUS SP. | 2 | 2 | 4.8 | 4.2- 5.4 SL | | | | | | 0.6 |
| | ADDITIONAL LARVAE CAUGHT | PISCODONOPHIS CRUENTIFER | | | | OPHIIDIIDAE | | | | | |
| | | SYNDONANTIDAE | | | | | | | | | |
| | | LOPHIIDAE | | | | | | | | | |
| | | OPHIIDIIDAE | | | | | | | | | |
| | | LIPAROSCOPIIDAE | | | | | | | | | |
| | | STROMATEIDAE | | | | | | | | | |
| K 5 | 23 06 | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 16-24M | | | | | |
| | CITHARICHTHYS OCELLATUS | 1 | 1 | 61.0 | TL | | | | | | 0.3 |
| | PISCODONOPHIS CRUENTIFER | 1 | 1 | 61.3 | TL | | | | | | 0.3 |
| | ANCHOA MOPSOTUS | 3 | 3 | 13.2 | 12.0-15.7 TL | | | | | | 1.0 |
| | PARAFILIS EURYSTOE | 2 | 2 | 15.0 | 13.1-17.0 TL | | | | | | 0.6 |
| | UPHRYCHIS CHUSS | 10 | 8 | 4.1 | 2.7- 5.7 NL | 9 | 7 | 3.8 | 2.5- 4.5 NL | | 4.5 |
| | CENTROPRESTIS STRIATA | 2 | 2 | 5.0 | 5.0- 5.0 SL | 1 | 1 | 5.4 | SL | | 0.8 |
| | MEALICOPHUS SP. | 1 | 1 | 5.9 | SL | | | | | | 0.3 |
| | TAUTOGLOSSUS ADSPERSUS | | | | | 2 | | | | | 0.3 |
| | ALXIS SP. | 1 | 1 | 14.1 | SL | | | | | | 0.3 |
| | PEPRILUS TRIACANTHUS | 16 | 16 | 6.1 | 4.0-11.0 SL | 16 | 16 | 7.1 | 4.7-11.5 SL | | 7.5 |
| | PRIONOTUS CARLINIUS | | | | | 1 | | | | | 0.2 |
| | CITHARICHTHYS ARCTIFRONS | 46 | 25 | 7.6 | 4.6-10.7 SL | 25 | 29 | 8.6 | 6.6-12.6 SL | | 18.8 |
| | ETREPIUS MICROSTOMUS | 34 | 23 | 5.9 | 2.1-11.5 SL | 9 | 8 | 5.1 | 4.5- 7.1 SL | | 11.9 |
| | HIPPOGLOSSINA OBLIQUUS | 3 | 3 | 10.2 | 6.2-14.3 SL | 3 | 3 | 5.4 | 8.5-10.2 SL | | 1.4 |
| | GLYPTOCEPHALUS GYNOGLOSSUS | | | | | 1 | 1 | 27.1 | SL | | 0.2 |
| | ADDITIONAL LARVAE CAUGHT | PISCODONOPHIS CRUENTIFER | | | | OPHIIDIIDAE | | | | | |
| | | OPHIIDIIDAE | | | | | | | | | |
| | | LIPAROSCOPIIDAE | | | | | | | | | |
| | | COBITIDAE | | | | | | | | | |
| K 6 | 23 08 | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| | LOPHIUS AMERICANUS | 3 | 3 | 16.1 | 9.1-20.4 TL | 1 | 1 | 13.4 | TL | | 1.2 |
| | UPHRYCHIS CHUSS | 11 | 8 | 4.5 | 3.3- 5.5 NL | | | | | | 3.7 |
| | ALXIS SP. | 1 | 1 | 4.9 | SL | | | | | | 0.3 |
| | PEPRILUS TRIACANTHUS | 5 | 5 | 5.4 | 2.0- 8.7 SL | 2 | 2 | 6.0 | 5.0- 7.1 SL | | 2.2 |
| | PRIONOTUS CARLINIUS | 1 | 1 | 3.7 | SL | | | | | | 0.3 |
| | CITHARICHTHYS ARCTIFRONS | 58 | 25 | 5.3 | 4.1- 7.1 SL | 28 | 26 | 6.6 | 4.2-11.7 SL | | 26.7 |
| | ETREPIUS MICROSTOMUS | 19 | 19 | 4.2 | 2.7- 5.7 SL | 2 | 2 | 5.5 | 4.1- 7.6 SL | | 6.4 |
| | HIPPOGLOSSINA OBLIQUUS | 5 | 5 | 6.9 | 5.4- 8.7 SL | 1 | | | | | 1.8 |
| | ADDITIONAL LARVAE CAUGHT | OPHIIDIIDAE | | | | OPHIIDIIDAE | | | | | |
| | | LIPAROSCOPIIDAE | | | | UNIDENTIFIED | | | | | |
| K 7 | 23 08 | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| | UPHRYCHIS CHUSS | 5 | 2 | 2.6 | 1.5- 3.8 NL | | | | | | 1.7 |
| | ALXIS SP. | 1 | 1 | 12.5 | SL | | | | | | 0.3 |
| | PEPRILUS TRIACANTHUS | 2 | 1 | 2.5 | SL | 2 | 2 | 4.6 | 4.4- 4.9 SL | | 1.3 |
| | CITHARICHTHYS ARCTIFRONS | 4 | 4 | 4.0 | 3.2- 4.9 SL | | | | | | 1.3 |
| | ETREPIUS MICROSTOMUS | 1 | 1 | 3.9 | SL | 2 | 2 | 5.5 | 5.5- 5.5 SL | | 1.0 |
| | HIPPOGLOSSINA OBLIQUUS | 5 | 4 | 4.9 | 3.0- 7.4 SL | 1 | 1 | 3.7 | SL | | 1.8 |
| | ADDITIONAL LARVAE CAUGHT | OPHIIDIIDAE | | | | OPHIIDIIDAE | | | | | |
| | | STROMATEIDAE | | | | UNIDENTIFIED | | | | | |


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CPUSE DATE
P6610 1966
STA.   D M   SPECIES ANALYZED
1 5    25 09

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| ***** LARVAE ***** | | ***** | |
|--------------------|--------------|-------|-------------|
| NUMEER | LENGTHS (MM) | NO. | |
| TOTAL MEAS. | MEAN RANCE | MEAS. | FGGS |
| SAMPL | INC | DEPTH | 0-15M |
| 8 | 7 | 10.5 | 6.8-13.0 TL |
| 8 | 7 | 2.8 | 2.4- 3.1 SL |
| 1 | 1 | 3.0 | SL |
| 2 | 2 | 3.1 | 2.7- 3.5 SL |

ANCHORA HERPESITIS
PEREULIUS TRIACANTHUS
CITHARICHTHYS ARCIFRONS
ETROPLUS MICROSTOMUS
SYNGNIUS S.P.

ADDITIONAL LARVAE CAUGHT

SYNODONTIDAE
OPHIDIIDAE
SCIAENIDAE
LABRIDAE OF SCAPIDAE
CALLIONYMICAE
STROMATEIDAE
TELEOSTEIDAE

```
***** LARVAE *****
NUMBER      LENGTHS (MM)      NO.
TOTAL MEAS. MEAN    RANGE MEAS. EGGS
SAMPLING DEPTH 18-33M
```

1 1 2.1 SL

1 1 5.5 SL
UNIDENTIFIED

| | |
|--------------------------|------|
| NO. PER 10M ² | |
| LARVAE | EGGS |
| 2.7 | |
| 2.7 | |
| 0.6 | |
| 0.7 | |
| 0.3 | |

UNIDENTIFIED C

✓ 1 25 CE

| | | | | | |
|-----------------------|----|----|-----|----------|----|
| ANCHORA FEFSETUS | 57 | 52 | 7.8 | 3.4-15.0 | TL |
| CENTROPAGES STRIATA | 1 | 1 | 3.3 | | SL |
| LARIMUS FASCICATUS | 4 | 4 | 3.3 | 3.1- 3.6 | SL |
| MENTICIRRHUS SP. | 5 | 5 | 3.6 | 3.2- 4.0 | SL |
| MICROPOGON UNICULATUS | 15 | 15 | 3.4 | 2.8- 4.1 | SL |
| ALXIS SP. | 1 | 1 | 6.5 | | SL |
| DEPRILLUS TRIACANTHUS | 1 | 1 | 3.8 | | SL |
| ETROPLUS MICROSTOMUS | 2 | 2 | 4.2 | 3.1- 5.2 | SL |
| SYAETUM PAPILLOSUM | 1 | 1 | 4.9 | | SL |
| SYMPHURUS SP. | 3 | 3 | 4.1 | 3.4- 4.9 | SL |

ADDITIONAL LARVAE CAUGHT

OPHIDIIDAE
SCIAENIDAE
LABRIDAE OR SCARIDAE
SPHYRAENIDAE
URANOSCOPIDAE
BLENNIDAE
COBITIDAE
PALTIDAE
UNIDENTIFIED

6.9
0.1
0.5
0.6
1.8
0.1
0.1
0.2
0.1
0.4

N 2 25 09

| | | | | | |
|------------------------|----|----|-----|----------|----|
| LAGARIDIS EUPHYSTOME | 60 | 57 | 7.6 | 2.6-13.7 | TL |
| LARBUS FASCIATUS | 9 | 9 | 2.9 | 2.2-3.7 | SL |
| MICROPOGON UNDULATUS | 97 | 57 | 3.0 | 2.4-3.8 | SL |
| AUXIS, SP. | 2 | 2 | 8.3 | 8.2-8.5 | SL |
| EUTYMNUS ALLETTERRATUS | 1 | 1 | 4.3 | | SL |
| EUPOMIS MICROSTOMUS | 9 | 9 | 6.0 | 4.3-8.0 | SL |
| SYAETUM PAPILLOSUM | 3 | 3 | 6.5 | 4.2-9.2 | SL |
| SYNGRUPUS, SP. | 19 | 19 | 4.5 | 2.5-8.2 | SL |

ADDITIONAL LARVAE CAUGHT

CPHICHTHICAE
CYCLOTHONE SP.
SYNDONANTICAE
CPHIDIICAE
CARANGICAE
LABRIDAE OR SCARICAE
PLENNIICAE
CALLIONYMICAE
COBITICAE
TRIGLICAE
PALISTITICAE
UNIDENTIFIED

7.3
1.1
11.8
0.2
0.1
1.1
0.4
2.3

113

[illegible]

114

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|-----------------------------------|-------|----------------------|--------------|-------|-----------|-----------------------|--------------------|-------|----------|---------|---------|-----|--|
| D661C 1966 | | NUMBER | LENGTHS (MM) | | NO. | NUMBER | LENGTHS (MM) | | NO. | 2 | | | |
| STA. | D 4 | TOTAL MEAS. | MEAN | RANGE | EGGS | TOTAL MEAS. | MEAN | RANGE | EGGS | LARVAE | PER 10M | | |
| SPECIES ANALYZED | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 1E-23M | | | | EGGS | | | |
| N 5 | 25 CB | 268 | 71 | 4.7 | 2.5-10.3 | 21 | 20 | 6.2 | 3.6-10.8 | TL | 89.3 | | |
| ENGRaulis EURYSTOLE | | | | | | 1 | 1 | 4.8 | | SL | 0.3 | | |
| CERATOSCOFFLUS WAKMINCI | | | | | | 2 | 2 | 3.6 | 3.2-4.5 | SL | 0.7 | | |
| DIAPHUS SP. | | | | | | 1 | 1 | 7.1 | | SL | 0.3 | | |
| LAMEFANYCTUS ALATUS OR RHOTONOTUS | | | | | | 1 | 1 | 6.6 | | SL | 0.3 | | |
| LAMEFANYCTUS CURPINUS | | | | | | 2 | 2 | 3.0 | 2.4-3.7 | SL | 1.9 | | |
| LARMUS FASCIATUS | | 4 | 4 | 3.1 | 2.9-3.5 | SL | | | | | 0.3 | | |
| MENTICIRRHUS SP. | | 1 | 1 | 2.7 | | SL | | | | | 0.3 | | |
| MICROPYGON UNDULATUS | | 1 | 1 | 3.4 | | SL | 1 | 1 | 2.4 | SL | 0.6 | | |
| AUXIS SP. | | 1 | 1 | 4.6 | | SL | | | | | 0.3 | | |
| ELTHYNNUS ALLETTENATUS | | 2 | 2 | 6.1 | 4.9-7.4 | SL | 2 | 2 | 5.1 | 5.1-5.2 | SL | 1.3 | |
| PRIONOTUS CAROLINUS | | 2 | 2 | 5.5 | 5.7-6.2 | SL | 6 | 6 | 5.1 | 4.6-6.1 | SL | 2.6 | |
| PCTHUS OCCELLATUS | | 3 | 3 | 6.3 | 4.0-5.0 | SL | | | | | 1.0 | | |
| SYACIUM PAPILLOSUM | | 19 | 19 | 4.2 | 1.9-11.3 | SL | | | | | 6.3 | | |
| SYMPHURUS SP. | | 7 | 7 | 4.9 | 3.4-6.2 | SL | 5 | 5 | 5.0 | 3.5-8.1 | SL | 3.8 | |
| ADDITIONAL LARVAE CAUGHT | | MURAENIDAE | | | | NETASTOMATIDAE | | | | | | | |
| | | SYNOdontIDAE | | | | SYNOdontIDAE | | | | | | | |
| | | OPHIIDIIDAE | | | | PARALEPIDIDAE | | | | | | | |
| | | SERPANIIDAE | | | | LOPHIIFORMES | | | | | | | |
| | | CARANGIDAE | | | | BREGMACERCTIDAE | | | | | | | |
| | | LABRIDAE OR SCARIDAE | | | | OPHIIDIIDAE | | | | | | | |
| | | CALLIONYMIDAE | | | | CARAPIDAE | | | | | | | |
| | | GOBIIDAE | | | | SERPANIIDAE | | | | | | | |
| | | SCORPAENIDAE | | | | CARANGIDAE | | | | | | | |
| | | TRIGLIDAE | | | | LABRIIDAE OR SCARIDAE | | | | | | | |
| | | BALISTIIDAE | | | | BLENNIIDAE | | | | | | | |
| | | UNIDENTIFIED | | | | CALLIONYMIDAE | | | | | | | |
| | | | | | | GOBIIDAE | | | | | | | |
| | | | | | | STROMATEIDAE | | | | | | | |
| | | | | | | SCORPAENIDAE | | | | | | | |
| | | | | | | TRIGLIDAE | | | | | | | |
| | | | | | | BALISTIDAE | | | | | | | |
| | | | | | | TETRAodontIDAE | | | | | | | |
| | | | | | | UNIDENTIFIED | | | | | | | |
| | | | | | | | | | | | | | |
| N 1 25 DB | | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| LETHARCHUS VELIFER | | 1 | 1 | 40.5 | TL | | | | | | 0.3 | | |
| SARCINELLA ANCHOVIA | | 5 | 5 | 16.3 | 13.0-19.0 | TL | | | | | 1.5 | | |
| ENGRaulis EURYSTOLE | | 465 | 145 | 6.4 | 2.8-18.8 | TL | | | | | 140.9 | | |
| CENTROPRISTIS STRIATA | | 1 | 1 | 4.5 | | SL | | | | | 0.3 | | |
| LARMUS FASCIATUS | | 32 | 22 | 3.0 | 2.2-3.7 | SL | | | | | 9.7 | | |
| MENTICIRRHUS SP. | | 12 | 9 | 3.1 | 2.4-3.6 | SL | | | | | 3.6 | | |
| MICROPYGON UNDULATUS | | 5 | 5 | 3.3 | 3.2-3.5 | SL | | | | | 1.5 | | |
| AUXIS SP. | | 1 | 1 | 6.0 | | SL | | | | | 0.3 | | |
| ELTHYNNUS ALLETTENATUS | | 13 | 13 | 5.5 | 4.7-8.9 | SL | | | | | 3.9 | | |
| PEFFILUS TRIACANTHUS | | 4 | 4 | 3.2 | 2.7-4.5 | SL | | | | | 1.2 | | |
| PRIONOTUS CAROLINUS | | 17 | 17 | 4.1 | 2.8-6.1 | SL | | | | | 5.2 | | |
| PCTHUS OCCELLATUS | | 8 | 8 | 7.4 | 3.4-17.4 | SL | | | | | 2.4 | | |
| CYCLOPSETTA EMBRIATA | | 5 | 5 | 6.5 | 5.4-7.8 | SL | | | | | 1.5 | | |
| SYACIUM PAPILLOSUM | | 78 | 25 | 5.1 | 3.1-8.3 | SL | | | | | 23.6 | | |
| SYMPHURUS SP. | | 27 | 24 | 5.2 | 3.2-14.4 | SL | | | | | 8.2 | | |
| ADDITIONAL LARVAE CAUGHT | | MURAENIDAE | | | | | | | | | | | |
| | | SYNOdontIDAE | | | | | | | | | | | |
| | | LOPHIIFORMES | | | | | | | | | | | |
| | | OPHIIDIIDAE | | | | | | | | | | | |
| | | SERPANIIDAE | | | | | | | | | | | |
| | | GRAMMISTIDAE | | | | | | | | | | | |
| | | CARANGIDAE | | | | | | | | | | | |
| | | LABRIDAE OR SCARIDAE | | | | | | | | | | | |
| | | URANOSCOPIIDAE | | | | | | | | | | | |
| | | CALLIONYMIDAE | | | | | | | | | | | |
| | | GOBIIDAE | | | | | | | | | | | |
| | | TRICHIURIDAE | | | | | | | | | | | |
| | | SCORPAENIDAE | | | | | | | | | | | |
| | | TRIGLIDAE | | | | | | | | | | | |
| | | BALISTIIDAE | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |

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TABLE 3. (continued)

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| | | | MENTICIRRHUS SP. | 1 | | | | | | 0.1 |
| | | | MICROPOGON UNDULATUS | 1 | 1 | 5.5 | | SL | | 0.1 |
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| | | | SYMPHURUS SP. | 71 | 25 | 3.2 | 2.2-6.2 | SL | | 8.6 |
| | | | ADDITIONAL LARVAE CAUGHT | | | | | | | |
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| PRUISE DATE | ***** LARVAE ***** | ***** LARVAE ***** | NO. PER 10M |
|---|---|---|------------------|
| STA. NO. SPECIES ANALYZED | NUMBER TOTAL MEAS. MEAN LENGTHS (MM) RANGE MEAS. NO. EGGS | NUMBER TOTAL MEAS. MEAN LENGTHS (MM) RANGE MEAS. NO. EGGS | NO. PER 10M EGGS |
| A 1 13 09 | SAMPLING DEPTH 0-3M | SAMPLING DEPTH 1E-24M | |
| UROPHYCIS CHUSS | 8 8 9.1 7.5-10.4 NL | | 0.5 |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | |
| A 2 13 09 | SAMPLING DEPTH 0-15M | SAMPLING DEPTH 1E-24M | |
| ENCHELYPUS CIMBRIUS | | | 1 0.0 0.6 |
| UROPHYCIS SP. | 5 4 2.4 2.2-2.7 NL | | 2.0 |
| MERLUCCIIUS BILINEARIS | 2 2 2.9 2.6-3.3 NL | | 2.1 5.8 |
| TAUTOGA ONITIS | | | 0.2 |
| PERCULUS TRIACANTHUS | 2 2 5.1 4.8-5.5 SL | | 0.6 |
| ADDITIONAL LARVAE CAUGHT STROMATEIDAE | | | |
| A 3 13 09 | SAMPLING DEPTH 0-15M | SAMPLING DEPTH 1E-24M | |
| ENCHELYPUS CIMBRIUS | | | 0 0.5 0.3 |
| UROPHYCIS CHUSS | 32 21 5.0 2.4-7.1 NL | | 10.3 |
| MERLUCCIIUS BILINEARIS | 13 12 3.6 2.5-4.8 NL | | 5.5 62.1 |
| ALIXIS SP. | | | 0.2 |
| CITHARICHTHYS ARCTIFRONS | 1 1 6.2 SL | | 0.3 |
| HIPPUGLOSSINA OBLONGUS | 2 2 6.2 6.1-6.2 SL | | 0.6 |
| SCOPHTHALMUS AQUOSUS | 2 2 4.4 3.9-4.8 SL | | 0.9 |
| ADDITIONAL LARVAE CAUGHT STROMATEIDAE | | | |
| A 4 13 09 | SAMPLING DEPTH 0-15M | SAMPLING DEPTH 1E-33M | |
| ENCHELYPUS CIMBRIUS | 4 4 2.3 1.7-2.8 SL | | 0 7.2 0.7 |
| UROPHYCIS SP. | 143 31 3.5 2.0-5.0 NL | | 64.9 |
| MERLUCCIIUS BILINEARIS | 136 151 4.2 2.2-6.2 NL | | 71.1 5.4 |
| TAUTOGOLABRUS ADSPERSUS | 1 1 7.0 TL | | 0.3 |
| CITHARICHTHYS ARCTIFRONS | 60 25 5.4 4.0-6.7 SL | | 22.0 |
| HIPPUGLOSSINA OBLONGUS | 15 14 4.7 3.7-5.7 SL | | 7.8 |
| SCOPHTHALMUS AQUOSUS | 4 4 3.7 3.2-4.2 SL | | 1.9 |
| GLYPTOCEPHALUS CYNOGLOSSUS | | | 0.3 |
| ADDITIONAL LARVAE CAUGHT STROMATEIDAE UNIDENTIFIED | | | |
| A 5 13 09 | SAMPLING DEPTH 0-15M | SAMPLING DEPTH 1E-33M | |
| ENCHELYPUS CIMBRIUS | | | 23 5.0 14.6 |
| UROPHYCIS SP. | 172 14 2.9 1.4-4.0 NL | | 0.3 |
| MERLUCCIIUS BILINEARIS | 197 167 4.5 1.8-6.7 NL | | 73.3 |
| TAUTOGOLABRUS ADSPERSUS | | | 0.7 |
| PERCULUS TRIACANTHUS | 1 1 5.5 SL | | 0.3 |
| CITHARICHTHYS ARCTIFRONS | 12 10 7.4 6.0-9.2 SL | | 5.3 |
| HIPPUGLOSSINA OBLONGUS | 9 5 3.9 3.2-4.3 SL | | 4.7 |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | |
| A 6 13 09 | SAMPLING DEPTH 0-15M | SAMPLING DEPTH 1E-33M | |
| LOPHIUS AMERICANUS | 8 8 5.8 4.8-7.8 TL | | 3 5.7 5.5 |
| ENCHELYPUS CIMBRIUS | 1 1 3.7 SL | | 0.6 |
| UROPHYCIS SP. | | | 31.0 |
| UROPHYCIS CHUSS | 34 18 4.0 3.0-5.2 NL | | 116.0 |
| MERLUCCIIUS BILINEARIS | 86 63 5.8 2.7-11.9 NL | | 69.5 3.0 |
| CITHARICHTHYS ARCTIFRONS | 8 8 6.7 5.6-8.2 SL | | 2.7 |
| HIPPUGLOSSINA OBLONGUS | 1 1 4.2 SL | | 0.6 |
| LIMANDA FERRUGINEA | | | 0.3 |
| ADDITIONAL LARVAE CAUGHT OPHIDIIDAE LOPHIIFORMES | | | |
| A 7 14 09 | SAMPLING DEPTH 0-12M | SAMPLING DEPTH 1E-30M | |
| CITHARIS SP. | 2 2 7.6 6.9-8.7 SL | | 0.7 |
| LOPHIUS AMERICANUS | 9 9 4.9 3.4-7.6 TL | | 5.1 |
| UROPHYCIS SP. | 109 18 4.5 3.2-6.0 NL | | 37.8 |
| MERLUCCIIUS BILINEARIS | 81 63 5.0 3.7-20.0 NL | | 66.9 0.0 |
| CITHARICHTHYS ARCTIFRONS | 6 5 6.3 5.9-6.8 SL | | 2.2 |
| ADDITIONAL LARVAE CAUGHT SYNODONTIDAE OPHIDIIDAE LABRIDAE OR SCARIDAE | | | |
| B 1 14 09 | SAMPLING DEPTH 0-6M | | |
| ENCHELYPUS CIMBRIUS | 1 1 17.0 TL | | 0.1 |
| UROPHYCIS CHUSS | 4 4 1.8 1.5-2.3 SL | | 0.5 0.0 |
| MERLUCCIIUS BILINEARIS | 5 3 5.8 6.7-15.5 NL | | 0.6 |
| PRIONITUS CARLINUS | 13 10 2.7 2.4-3.2 NL | | 1.6 0.0 |
| HIPPUGLOSSINA OBLONGUS | 2 2 3.3 3.0-3.7 SL | | 0.2 |
| SCOPHTHALMUS AQUOSUS | 2 2 2.8 SL | | 0.2 |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | 0.1 |

| CRUISE DATE | ***** | LARVAE ***** | ***** | LARVAE ***** | ***** | AD. PER 10M |
|--|-----------------------------------|----------------------|----------|-----------------------------------|------------------|-------------|
| STA. D M SPECIES ANALYZED | NUMBER | LENGTHS [MM] | NO. EGGS | NUMBER | LENGTHS [MM] | NO. EGGS |
| R 7 14 09 | TOTAL MEAS. MEAN RANGE MEAS. EGGS | SAMPLING DEPTH 0-15M | | TOTAL MEAS. MEAN RANGE MEAS. EGGS | | LARVAE |
| ENGRAULIS EURYSTOLE | 1 | 10.5 | TL | | | 0.3 |
| ENCHELYPEUS CIMBRIUS | 21 | 7 5.1 2.9-6.8 | NL | | | 6.4 |
| MERLUCCIIUS BILINEARIS | 13 | 9 2.8 2.4-3.1 | NL | 0 | | 3.9 |
| HIPPOGLOSSINA OBLONGUS | 5 | 5 4.7 3.8-5.7 | SL | | | 1.5 |
| SCOPHTHALMUS AQUOSUS | 2 | 2 4.0 2.7-5.3 | SL | | | 0.6 |
| ADDITIONAL LARVAE CAUGHT LABRIDAE OR SCARIDAE | | | | | | |
| P 3 16 09 | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | |
| ENGRAULIS EURYSTOLE | 11 | 11 12.1 10.5-14.3 | TL | 2 | 2 15.1 13.8-16.5 | TL |
| ENCHELYPEUS CIMBRIUS | | | | 19 | 18 3.3 1.6-5.3 | SL |
| UROPHYCIS SP. | 1317 | 25 2.4 1.8-4.5 | NL | 303 | 21 2.7 1.8-4.8 | NL |
| MERLUCCIIUS BILINEARIS | 38 | 32 4.2 2.3-9.4 | NL | 567 | 558 5.6 2.4-17.3 | NL |
| TAUTOGLOSSUS ADSPERSUS | 4 | 4 6.9 4.3-9.1 | TL | | | 19 |
| PEPILUS TRIACANTHUS | 1 | 1 8.0 | SL | 1 | 1 3.8 | SL |
| CITHARICHTHYS ARCTIFRONS | 8 | 8 7.2 4.2-11.1 | SL | 129 | 25 6.2 3.5-8.4 | SL |
| HIPPOGLOSSINA OBLONGUS | 16 | 15 4.5 3.4-5.7 | SL | 3 | 3 4.2 2.7-5.3 | SL |
| SCOPHTHALMUS AQUOSUS | | | | 1 | 1 4.0 | SL |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | |
| P 4 14 09 | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | |
| ENGRAULIS EURYSTOLE | 5 | 5 9.3 7.9-10.7 | TL | 3 | 3 11.0 9.8-11.6 | TL |
| ENCHELYPEUS CIMBRIUS | | | | 46 | 44 3.7 1.7-6.5 | SL |
| UROPHYCIS SP. | 4 | 3 2.0 1.4-2.4 | NL | 271 | 15 3.0 2.1-4.1 | NL |
| UROPHYCIS CHUS | 504 | 34 3.1 1.3-5.3 | NL | | | 0 |
| MERLUCCIIUS BILINEARIS | 12 | 12 3.5 2.3-5.2 | NL | 179 | 179 4.8 1.8-13.0 | NL |
| TAUTOGLOSSUS ADSPERSUS | 1 | 1 7.0 | TL | | | 3 |
| PEPILUS TRIACANTHUS | 3 | 3 2.6 2.5-2.8 | SL | | | 0.3 |
| CITHARICHTHYS ARCTIFRONS | 42 | 40 5.5 2.8-12.5 | SL | 111 | 25 6.0 3.5-5.8 | SL |
| HIPPOGLOSSINA OBLONGUS | 53 | 51 4.0 2.7-5.4 | SL | 10 | 10 4.5 3.4-5.9 | SL |
| GLYPTOCEPHALUS CYCLOGLOSSUS | | | | 2 | 2 12.1 9.0-15.2 | SL |
| LIMANDA FERRUGINEA | | | | 1 | 1 6.3 | SL |
| ADDITIONAL LARVAE CAUGHT DPHIDIIDAE UNIDENTIFIED | | | | | | |
| B 5 14 09 | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | |
| PISCODONDOPHIS CRUENTIFER | 1 | 1 33.4 | TL | 1 | 1 41.5 | TL |
| LEPIDIUS AMERICANUS | | | | 4 | 4 6.5 4.5-8.9 | TL |
| ENCHELYPEUS CIMBRIUS | | | | 155 | 41 2.5 1.5-4.9 | SL |
| UROPHYCIS SP. | 831 | 22 2.9 2.0-4.5 | NL | 966 | 30 2.6 1.2-4.2 | NL |
| MERLUCCIIUS BILINEARIS | 2 | 2 5.6 4.8-6.4 | NL | 103 | 96 4.1 2.0-11.0 | NL |
| TAUTOGLOSSUS ADSPERSUS | | | | 1 | 1 3.4 | TL |
| PEPILUS TRIACANTHUS | 1 | 1 5.0 | SL | | | 23 |
| CITHARICHTHYS ARCTIFRONS | 63 | 25 5.5 4.2-10.1 | SL | 183 | 25 5.7 4.2-12.1 | SL |
| HIPPOGLOSSINA OBLONGUS | 15 | 13 4.4 3.4-5.0 | SL | 47 | 45 4.6 3.2-6.5 | SL |
| ADDITIONAL LARVAE CAUGHT CPHIDIIDAE STROMATEIDAE UNIDENTIFIED | | | | | | |
| P 6 14 09 | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | |
| PISCODONDOPHIS CRUENTIFER | | | | 1 | 1 41.5 | TL |
| LEPIDIUS AMERICANUS | 6 | 6 5.7 4.3-6.6 | TL | 6 | 6 7.8 5.3-13.3 | TL |
| ENCHELYPEUS CIMBRIUS | 3 | 3 2.3 1.6-3.0 | SL | 24 | 23 3.6 2.5-6.1 | SL |
| UROPHYCIS SP. | 122 | 17 4.1 2.5-5.8 | NL | 136 | 32 3.6 2.2-5.2 | NL |
| UROPHYCIS CHUS | | | | 9 | 9 4.4 2.3-6.9 | NL |
| MERLUCCIIUS BILINEARIS | 12 | 4 7.0 4.9-8.8 | NL | 39 | 38 6.6 5.1-7.8 | NL |
| CITHARICHTHYS ARCTIFRONS | 3 | 3 5.5 3.6-7.8 | SL | 29 | 29 8.1 4.6-11.7 | SL |
| HIPPOGLOSSINA OBLONGUS | 2 | 2 5.8 5.7-5.8 | SL | 7 | 7 6.0 4.6-7.5 | SL |
| ADDITIONAL LARVAE CAUGHT CPHIDIIDAE PISCODONDOPHIS CRUENTIFER DPHIDIIDAE | | | | | | |
| P 7 14 09 | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | |
| LEPIDIUS AMERICANUS | 2 | 2 5.5 5.1-6.0 | TL | 1 | 1 3.6 | TL |
| UROPHYCIS SP. | 71 | 18 4.5 3.2-5.9 | NL | 64 | 17 5.0 3.7-10.1 | NL |
| MERLUCCIIUS BILINEARIS | 10 | 10 11.6 6.7-40.0 | NL | 53 | 51 12.1 6.5-41.1 | NL |
| CITHARICHTHYS ARCTIFRONS | 1 | 1 7.1 | SL | 11 | 11 8.0 5.5-15.2 | SL |
| ADDITIONAL LARVAE CAUGHT SYNDONTIDAE DPHIDI | | | | | | |

| CRUISE DATE | STATION | SPECIES ANALYZED | NUMBER | LENGTHS (MM) | NO. EGGS | NUMBER | LENGTHS (MM) | NO. EGGS | NO. PER LARVAE | LOW FEGGS |
|-------------|---------|----------------------------|----------------------|------------------|--------------|-----------------------|------------------|----------|----------------|-----------|
| | | | TOTAL MEAS. | MEAN RANGE MEAS. | | TOTAL MEAS. | MEAN RANGE MEAS. | | | |
| C 2 | 17 09 | | SAMPLING DEPTH C-15M | | | SAMPLING DEPTH 18-24M | | | | |
| | | ENGRAULIS EURYSTOLE | 5 | 5 6.3 | 3.0-18.1 TL | | | | | 1.5 |
| | | ENCYLYPTUS CIMBRIUS | 34 | 7 2.3 | 1.2-4.5 NL | | | | | 10.3 |
| | | URDOPHYCIS SP. | 5 | 3 2.7 | 2.6-2.8 NL | | | | | 1.5 |
| | | MERLUCCIIUS BILINEARIS | 4 | 4 3.0 | 2.6-3.7 TL | | | | | 1.2 |
| | | PEPRILUS TRIACANTHUS | 2 | 2 3.9 | 3.4-4.4 SL | | | | | 0.6 |
| | | PRICNOTIUS CAROLINUS | 7 | 7 6.3 | 5.3-7.2 SL | | | | | 2.1 |
| | | CITHARICHTHYS ARCTIFRONS | 1 | | | | | | | 0.3 |
| | | PARALICHTHYS DENTATUS | 3 | 3 2.9 | 2.7-3.2 SL | | | | | 0.9 |
| | | HIPPOGLOSSINA OBLONGUS | 1 | 1 2.7 | SL | | | | | 0.3 |
| | | SCOPHTHALMUS ADONIS | | | | | | | | |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | |
| C 3 | 17 09 | | SAMPLING DEPTH C-15M | | | SAMPLING DEPTH 18-24M | | | | |
| | | ENGRAULIS EURYSTOLE | 2 | 2 12.0 | 8.6-15.4 TL | | | | | 0.8 |
| | | ENCYLYPTUS CIMBRIUS | | | | | | | | 0.2 |
| | | URDOPHYCIS SP. | 87 | 24 4.2 | 2.0-6.2 NL | | | | | 25.9 |
| | | MERLUCCIIUS BILINEARIS | | | | | | | | 0.0 |
| | | TALOGGLAERUS ANSPERSUS | 1 | 1 5.2 | TL | | | | | 0.3 |
| | | PEPRILUS TRIACANTHUS | 1 | 1 3.4 | SL | | | | | 0.3 |
| | | PRICNOTIUS CAROLINUS | 2 | 2 3.5 | 3.5-3.5 SL | | | | | 1.3 |
| | | CITHARICHTHYS ARCTIFRONS | 14 | 14 7.7 | 5.7-13.7 SL | | | | | 4.9 |
| | | ETROPUS MICROSTOMIUS | | | | | | | | 0.3 |
| | | PARALICHTHYS DENTATUS | | | | | | | | 0.6 |
| | | HIPPOGLOSSINA OBLONGUS | | | | | | | | 0.2 |
| | | SCOPHTHALMUS ADONIS | 1 | 1 2.8 | SL | | | | | 0.3 |
| | | ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | |
| C 4 | 17 09 | | SAMPLING DEPTH C-15M | | | SAMPLING DEPTH 18-33M | | | | |
| | | PISCIONOPHIS CRUENTIFER | | | | | | | | 0.3 |
| | | ENCYLYPTUS CIMBRIUS | | | | | | | | 7.7 |
| | | URDOPHYCIS SP. | 622 | 34 3.3 | 1.7-5.1 NL | | | | | 496.2 |
| | | MERLUCCIIUS BILINEARIS | 1 | 1 4.4 | NL | | | | | 104.3 |
| | | PEPRILUS TRIACANTHUS | 44 | 44 2.9 | 2.0-3.8 SL | | | | | 14.7 |
| | | PRICNOTIUS CAROLINUS | | | | | | | | 0.7 |
| | | CITHARICHTHYS ARCTIFRONS | 61 | 25 6.1 | 3.7-11.5 SL | | | | | 151.0 |
| | | PARALICHTHYS DENTATUS | | | | | | | | 0.3 |
| | | HIPPOGLOSSINA OBLONGUS | 11 | 11 4.4 | 3.2-7.0 SL | | | | | 4.6 |
| | | SCOPHTHALMUS ADONIS | 11 | 2 4.0 | 3.7-4.2 SL | | | | | 3.7 |
| | | ADDITIONAL LARVAE CAUGHT | OPHIOTIDAE | | | UNIDENTIFIED | | | | |
| | | | STROMATEIDAE | | | | | | | |
| C 5 | 17 09 | | SAMPLING DEPTH C-15M | | | SAMPLING DEPTH 18-33M | | | | |
| | | ENGRAULIS EURYSTOLE | 2 | 2 12.8 | 12.1-13.5 TL | | | | | 0.9 |
| | | ENCYLYPTUS CIMBRIUS | | | | | | | | 6.7 |
| | | URDOPHYCIS SP. | 1315 | 40 3.3 | 1.9-5.8 NL | | | | | 438.3 |
| | | MERLUCCIIUS BILINEARIS | 8 | 7 3.0 | 2.5-4.5 NL | | | | | 54.7 |
| | | PEPRILUS TRIACANTHUS | 6 | 6 5.6 | 2.9-17.8 SL | | | | | 2.0 |
| | | CITHARICHTHYS ARCTIFRONS | 100 | 25 6.7 | 4.5-13.2 SL | | | | | 62.3 |
| | | HIPPOGLOSSINA OBLONGUS | 39 | 37 4.5 | 2.5-6.0 SL | | | | | 14.0 |
| | | SCOPHTHALMUS ADONIS | 1 | 1 3.2 | SL | | | | | 0.3 |
| | | GLYPTOCEPHALUS CYNOGLOSSUS | | | | | | | | 0.7 |
| | | ADDITIONAL LARVAE CAUGHT | OPHIOTIDAE | | | OPHIOTIDAE | | | | |
| | | | STROMATEIDAE | | | STROMATEIDAE | | | | |
| | | | UNIDENTIFIED | | | | | | | |
| C 6 | 17 09 | | SAMPLING DEPTH C-15M | | </ | | | | | |

TABLE 1 (continued)

| CRUISE DATE | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | | |
|--------------------------|----------------------|--------------|-------|----------|-------|-----------------------|----------------|--------------|----------|----------|-------|-------------|------|
| RAIL 1956 | NUMBER | LENGTHS (MM) | | NO. | MEAS. | EGGS | NUMBER | LENGTHS (MM) | | NO. | MEAS. | EGGS | |
| STA. 04 SPECIES ANALYZED | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | NO. PER 10M | |
| C 9 17 09 | SAMPLING DEPTH | 0-15M | | | | | SAMPLING DEPTH | 1E-23M | | | | | EGGS |
| DISCHIDOPHIS CRUENTIFER | 1 | 1 | 29.9 | | TL | | | | | | | 0.3 | |
| OPRATOSCOPELLA MAHENSIS | 1 | 1 | 10.7 | | SL | | | | | | | 0.3 | |
| DIAPHUS SP. | | | | | | 4 | 4 | 8.9 | 7.9- 9.7 | SL | | 1.3 | |
| LEPEIUS AMERICANUS | 1 | 1 | 6.5 | | TL | | | | | | | 0.3 | |
| HERPHYCIS SP. | 23 | 9 | 3.6 | 2.0- 5.1 | NL | 137 | 28 | 4.9 | 3.8- 6.0 | NL | | 52.6 | |
| MERLUCCIIUS BILINEARIS | 2 | 2 | 8.2 | 7.9- 8.6 | NL | 2 | 2 | 5.7 | 9.4-10.0 | NL | 0 | 1.3 | |
| PERCILIUS TRIACANTHUS | 1 | 1 | 35.0 | | SL | | | | | | | 0.3 | |
| CITHARICHTHYS ARCTIFRONS | 1 | 1 | 10.0 | | SL | 11 | 10 | 7.9 | 5.3-12.3 | SL | | 4.0 | |
| HIPPARGLOSSINA OBLUNCUS | | | | | | 4 | 4 | 5.6 | 4.2- 6.6 | SL | | 1.3 | |
| SCOPHTHALMUS AQUOSUS | | | | | | 1 | 1 | 2.5 | | SL | | 0.3 | |
| ADDITIONAL LARVAE CAUGHT | OPHIOTIDAE | | | | | OPHIOTIDAE | | | | | | | |
| | CALLIONYMICAE | | | | | Gobiidae | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| C 1 18 09 | SAMPLING DEPTH C- 6M | | | | | | | | | | | | |
| FRAGAULIS EURYSTOLE | 62 | 13 | 4.5 | 1.7- 6.6 | TL | | | | | | | 7.5 | |
| FRAGILYOPUS CIMBRIUS | 1 | 1 | 1.7 | | SL | 0 | | | | | | 0.1 | |
| HERPHYCIS SP. | 29 | 11 | 2.3 | 1.6- 3.7 | NL | | | | | | | 3.5 | |
| CENTROPAGES STRIATA | 1 | 1 | 5.4 | | SL | | | | | | | 0.1 | |
| PERCILIUS TRIACANTHUS | 3 | 3 | 4.0 | 3.0- 5.3 | SL | | | | | | | 0.4 | |
| PERICHTHUS CARLINUS | 111 | 21 | 2.8 | 2.2- 3.8 | SL | | | | | | | 13.5 | |
| CITHARICHTHYS ARCTIFRONS | 1 | 1 | 5.2 | | SL | | | | | | | 0.1 | |
| HIPPARGLOSSINA OBLUNCUS | 5 | 4 | 3.4 | 3.1- 3.7 | SL | | | | | | | 0.6 | |
| SCOPHTHALMUS AQUOSUS | 9 | 9 | 2.7 | 2.5- 3.0 | SL | | | | | | | 1.1 | |
| ADDITIONAL LARVAE CAUGHT | STROMATEIDAE | | | | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| C 2 19 09 | SAMPLING DEPTH C- 6M | | | | | | | | | | | | |
| FRAGAULIS EURYSTOLE | 47 | 47 | 4.2 | 1.7- 6.5 | TL | | | | | | | 5.7 | |
| HERPHYCIS SP. | 14 | 10 | 2.3 | 1.4- 2.8 | NL | | | | | | | 1.7 | |
| MERLUCCIIUS BILINEARIS | 1 | 1 | 3.6 | | NL | 0 | | | | | | 0.1 | |
| PERICHTHUS CARLINUS | 18 | 18 | 3.8 | 2.7- 5.0 | SL | | | | | | | 2.2 | |
| CITHARICHTHYS ARCTIFRONS | 1 | 1 | 5.1 | | SL | | | | | | | 0.1 | |
| HIPPARGLOSSINA OBLUNCUS | 2 | 2 | 2.6 | 2.4- 2.7 | SL | | | | | | | 0.2 | |
| SCOPHTHALMUS AQUOSUS | 7 | 7 | 2.9 | 2.2- 3.7 | SL | | | | | | | 0.8 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| C 3 19 09 | SAMPLING DEPTH C-15M | | | | | | | | | | | | |
| FRAGAULIS EURYSTOLE | 10 | 9 | 4.9 | 2.2- 7.2 | TL | | | | | | | 3.0 | |
| HERPHYCIS SP. | 137 | 32 | 2.0 | 1.2- 4.0 | NL | | | | | | | 41.5 | |
| MERLUCCIIUS BILINEARIS | 7 | 5 | 2.8 | 2.2- 4.0 | NL | 0 | | | | | | 2.1 | |
| PERCILIUS TRIACANTHUS | 1 | 1 | 4.0 | | SL | | | | | | | 0.3 | |
| PERCILIUS TRIACANTHUS | 2 | 2 | 3.7 | 3.6- 3.9 | SL | | | | | | | 0.6 | |
| PERICHTHUS CARLINUS | 6 | 6 | 2.3 | 1.4- 2.9 | SL | | | | | | | 1.8 | |
| CITHARICHTHYS ARCTIFRONS | 2 | 2 | 2.8 | 2.7- 2.9 | SL | | | | | | | 0.6 | |
| PARALICHTHYS TENTATUS | 3 | 3 | 3.5 | 3.3- 3.6 | SL | 0 | | | | | | 0.9 | |
| HIPPARGLOSSINA OBLUNCUS | 4 | 2 | 3.5 | 3.2- 3.8 | SL | | | | | | | 1.2 | |
| SCOPHTHALMUS AQUOSUS | 4 | 4 | 2.7 | 2.5- 2.9 | SL | | | | | | | 1.2 | |
| ADDITIONAL LARVAE CAUGHT | SYNGNATHIDAE | | | | | | | | | | | | |
| | STROMATEIDAE | | | | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| C 4 13 09 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | | |
| FRAGAULIS EURYSTOLE | 30 | 25 | 6.2 | 2.9-22.5 | TL | 1 | 1 | 12.1 | | TL | | 9.7 | |
| FRAGILYOPUS CIMBRIUS | 2 | 2 | 2.3 | 2.2- 2.3 | SL | 0 | 1 | 1 | 3.2 | SL | 0 | 0.8 | |
| HERPHYCIS SP. | 99 | 23 | 3.3 | 2.1- 6.0 | NL | | 32 | 18 | 2.3 | 1.5- 3.2 | NL | 25.6 | |
| MERLUCCIIUS BILINEARIS | 12 | 11 | 3.4 | 2.6- 4.2 | NL | 0 | 11 | 11 | 2.8 | 2.2- 4.2 | NL | 5.5 | |
| PERCILIUS TRIACANTHUS | 6 | 6 | 5.0 | 3.4-11.3 | SL | | 4 | 4 | 3.2 | 2.1- 3.9 | SL | 2.5 | |
| PERICHTHUS CARLINUS | 17 | 17 | 2.9 | 1.9- 4.1 | SL | | 4 | 4 | 3.0 | 2.5- 4.0 | SL | 5.9 | |
| CITHARICHTHYS ARCTIFRONS | 15 | 13 | 3.5 | 3.1- 4.8 | SL | | 11 | 8 | 5.3 | 3.7- 5.9 | SL | 6.4 | |
| PARALICHTHYS TENTATUS | 1 | 1 | 3.4 | | SL | 0 | 2 | 2 | 3.2 | 2.9- 3.6 | SL | 0.6 | |
| HIPPARGLOSSINA OBLUNCUS | 30 | 27 | 3.6 | 2.5- 7.6 | SL | | 1 | 1 | 2.9 | | | 9.7 | |
| SCOPHTHALMUS AQUOSUS | 4 | 4 | 3.7 | 2.6- 5.4 | SL | | 5 | 5 | 2.9 | 2.7- 3.3 | SL | 2.0 | |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | UNIDENTIFIED | | | | | | | |

| CRUISE DATE | | ***** LARVAE ***** | | | | | | ***** LARVAE ***** | | | | | | 2 | |
|-----------------------------|----|----------------------|---------|-------|-----------|------|-------------|-----------------------|--------|-------|----------|-------------|-------|-----------|--|
| 06611 1966 | | NUMEFF | LENGTHS | | MM | NO. | NUMBER | LENGTHS | | MM | NO. | NO. PER 100 | | | |
| STA. | 04 | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | LARVAE | | | |
| SPECIES ANALYZED | | C 5 18 09 | | | | | | C 6 18 09 | | | | | | C 7 18 09 | |
| | | SAMPLING | DEPTH | 0-15M | | | SAMPLING | DEPTH | 18-33M | | | | | | |
| ENGRAULIS EURYSTOLE | | 14 | 14 | 8.2 | 5.7-16.3 | TL | | | | | | 4.7 | | | |
| ENCHELYPELUS CIMMERIUS | | 4 | 2 | 2.5 | 2.3-2.7 | SL | 6 | 14 | 14 | 3.8 | 2.5-5.7 | SL | 5.9 | | |
| UROPHYCIS SP. | | 704 | 33 | 3.5 | 1.8-6.4 | NL | | 179 | 31 | 5.0 | 1.9-10.7 | NL | 270.8 | | |
| MERLUCCIIUS BILINEARIS | | 25 | 22 | 3.8 | 2.6-5.9 | NL | 0 | 136 | 130 | 4.5 | 2.6-11.2 | NL | 12.8 | | |
| PEMATOMUS SALTATRIX | | 1 | 1 | 6.7 | | SL | | | | | | | 0.3 | | |
| TAUTOGLABRUS ADSPERSUS | | 2 | 2 | 7.2 | 5.9-8.5 | TL | | 4 | 4 | 5.0 | 8.5-5.4 | TL | 1.9 | | |
| PEPRILUS TRIACANTHUS | | 23 | 22 | 4.6 | 2.0-12.5 | SL | | 2 | 2 | 4.1 | 3.1-5.1 | SL | 7.7 | | |
| PRENOTUS CARLINUS | | 28 | 28 | 4.1 | 2.5-7.5 | SL | | 3 | 3 | 4.3 | 3.7-5.3 | SL | 9.4 | | |
| CITHARICHTHYS ARCTIFRONS | | 10 | 10 | 6.6 | 3.4-11.2 | SL | | 16 | 16 | 6.0 | 3.7-10.4 | SL | 8.3 | | |
| ETROPUS MICROSTOMUS | | 9 | 8 | 6.2 | 4.6-5.7 | SL | | 2 | 2 | 6.4 | 5.6-7.1 | SL | 3.4 | | |
| PARALICHTHYS CENTOTIS | | 6 | 6 | 4.3 | 3.2-5.1 | SL | 0 | | | | | | 2.0 | | |
| HIPPOGLOSSINA OBLUNCUS | | 49 | 45 | 4.8 | 3.2-6.8 | SL | | 18 | 18 | 5.9 | 3.5-9.8 | SL | 10.7 | | |
| SCORPOTHALMUS AQUOSUS | | 10 | 9 | 3.8 | 3.4-4.2 | SL | | 1 | 1 | 3.5 | | SL | 3.3 | | |
| ADDITIONAL LARVAE CAUGHT | | CARANGIDAE | | | | | | | | | | | | | |
| | | STROMATEIDAE | | | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| C 6 18 09 | | SAMPLING DEPTH 0-15M | | | | | | SAMPLING DEPTH 18-33M | | | | | | | |
| PISCODONOPHIS CRUFENTIFER | | 1 | 1 | 53.4 | | TL | | | | | | | 0.3 | | |
| ENGRAULIS EURYSTOLE | | 9 | 9 | 13.2 | 10.8-16.5 | TL | | 1 | 1 | 11.6 | | | 3.0 | | |
| LOPHIUS AMERICANUS | | | | | | | | 11 | 11 | 5.7 | 4.7-5.4 | TL | 3.7 | | |
| ENCHELYPELUS CIMMERIUS | | 4 | 3 | 4.7 | 2.7-8.5 | SL | 0 | 11 | 8 | 5.0 | 2.3-8.9 | SL | 4.9 | | |
| UROPHYCIS SP. | | 759 | 30 | 4.4 | 2.1-7.1 | NL | | 191 | 30 | 4.6 | 2.8-11.2 | NL | 251.3 | | |
| MERLUCCIIUS BILINEARIS | | 22 | 22 | 6.0 | 4.1-8.8 | NL | 0 | 372 | 363 | 5.5 | 3.1-12.2 | NL | 120.6 | | |
| PEPRILUS TRIACANTHUS | | 5 | 5 | 2.9 | 2.8-3.0 | SL | | 2 | 2 | 2.5 | 2.5-3.3 | SL | 2.2 | | |
| CITHARICHTHYS ARCTIFRONS | | 151 | 25 | 5.5 | 4.2-9.4 | SL | | 96 | 25 | 6.6 | 3.2-11.5 | SL | 77.3 | | |
| HIPPOGLOSSINA OBLUNCUS | | 18 | 18 | 4.6 | 3.1-6.8 | SL | | 11 | 11 | 5.3 | 4.4-5.8 | SL | 9.1 | | |
| GLYPTOCEPHALUS CYNCEGLOSSUS | | | | | | | | 1 | 1 | 32.1 | | SL | 0.3 | | |
| ADDITIONAL LARVAE CAUGHT | | OPHIIDIIDAE | | | | | | OPHIICHTHIDAE | | | | | | | |
| | | UNIDENTIFIED | | | | | | OPHIIDIIDAE | | | | | | | |
| | | | | | | | | LABRIDAE OR SCARIDAE | | | | | | | |
| | | | | | | | | | | | | | | | |
| C 7 18 09 | | SAMPLING DEPTH 0-15M | | | | | | SAMPLING DEPTH 18-33M | | | | | | | |
| ENGRAULIS EURYSTOLE | | 1 | 1 | 19.6 | | TL | | | | | | | 0.3 | | |
| LOPHIUS AMERICANUS | | | | | | | | 5 | 5 | 6.7 | 4.6-8.1 | TL | 1.7 | | |
| ENCHELYPELUS CIMMERIUS | | 1 | 1 | 2.6 | | SL | 0 | 15 | 15 | 2.6 | 2.4-5.8 | SL | 5.3 | | |
| UROPHYCIS SP. | | 470 | 18 | 3.8 | 1.5-4.9 | NL | | 71 | 15 | 4.5 | 2.2-8.0 | NL | 164.7 | | |
| MERLUCCIIUS BILINEARIS | | 1 | 1 | 8.8 | | NL | 0 | 61 | 61 | 7.0 | 3.5-10.2 | NL | 20.6 | | |
| PEPRILUS TRIACANTHUS | | 2 | 2 | 3.1 | 2.7-3.5 | SL | | | | | | | 0.7 | | |
| CITHARICHTHYS ARCTIFRONS | | 86 | 25 | 5.3 | 2.8-8.2 | SL | | 77 | 25 | 10.3 | 4.8-14.0 | SL | 51.5 | | |
| HIPPOGLOSSINA OBLUNCUS | | 4 | 3 | 3.5 | 2.9-4.5 | SL | | 16 | 16 | 5.3 | 2.9-6.3 | SL | 6.5 | | |
| GLYPTOCEPHALUS CYNCEGLOSSUS | | | | | | | | 1 | 1 | 15.4 | | SL | 0.3 | | |
| ADDITIONAL LARVAE CAUGHT | | OPHIIDIIDAE | | | | | | OPHIIDIIDAE | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| C 8 18 09 | | SAMPLING DEPTH 0-15M | | | | | | SAMPLING DEPTH 18-33M | | | | | | | |
| CERATOSCOPELUS MAHERFENSIS | | 2 | 2 | 8.5 | 8.8-9.0 | SL | | 7 | 7 | 10.9 | 8.8-13.8 | SL | 2.9 | | |
| LOPHIUS AMERICANUS | | | | | | | | 4 | 4 | 5.7 | 4.2-8.5 | TL | 1.3 | | |
| ENCHELYPELUS CIMMERIUS | | | | | | | 0 | 8 | 8 | 3.6 | 2.7-7.0 | SL | 2.7 | | |
| UROPHYCIS SP. | | 87 | 21 | 5.1 | 2.9-9.5 | NL | | 163 | 31 | 4.8 | 2.5-9.9 | NL | 80.4 | | |
| MERLUCCIIUS BILINEARIS | | | | | | | 0 | 56 | 55 | 5.1 | 6.5-12.7 | NL | 18.7 | | |
| PEPRILUS TRIACANTHUS | | 1 | 1 | 26.5 | | SL | | | | | | | 0.3 | | |
| CITHARICHTHYS ARCTIFRONS | | 27 | 27 | 7.8 | 3.0-14.2 | SL | | 18 | 17 | 7.5 | 3.7-13.3 | SL | 14.1 | | |
| HIPPOGLOSSINA OBLUNCUS | | 4 | 4 | 4.7 | 3.2-5.6 | SL | | 11 | 11 | 5.8 | 5.0-6.2 | SL | 4.9 | | |
| SCORPOTHALMUS AQUOSUS | | 2 | 2 | 2.8 | 2.7-2.9 | SL | | | | | | | 0.7 | | |
| ADDITIONAL LARVAE CAUGHT | | OPHIIDIIDAE | | | | | | PARALEPIDIDAE | | | | | | | |
| | | Gobiidae | | | | | | OPHIIDIIDAE | | | | | | | |
| | | TETRAODONTIDAE | | | | | | Gobiidae | | | | | | | |

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|---------------------------------------|-------|----------------------|------|--------|--------------|------|-----------------------|--------------|-------|--------------------------|----------|-----|-------|
| STA. | D M | SPECIES ANALYZED | | NUMBER | LENGTHS (MM) | NO. | NUMBER | LENGTHS (MM) | NO. | NO. PER 10M ² | EGGS | | |
| A 1 | 15 10 | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | | |
| A 1 15 10 | | SAMPLING DEPTH 0-6M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| URCHYICIS SP. | | 1 | 1 | 3.6 | NL | | | | | | 0.1 | | |
| MERLUCCIIUS BILINEARIS | | 3 | 2 | 3.4 | 3.1-3.7 | NL | 0 | | | | 0.4 | 0.0 | |
| PARALICHTHYS DENTATUS | | 2 | 2 | 4.6 | 3.0-6.2 | SL | 4 | | | | 0.2 | 0.5 | |
| SCOPHTHALMUS AQUOSUS | | 1 | 1 | 3.3 | SL | | | | | | 0.1 | | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| A 2 15 10 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| BREVOORTIA TYRANNUS | | 1 | 1 | 8.0 | TL | | 4 | 4 | 4.4 | 4.1-4.7 | TL | 1.0 | |
| ENCHELIOPLIS CIMBRIUS | | 1 | 1 | 3.8 | SL | 0 | 6 | 6 | 3.4 | 2.2-3.9 | SL | 1.3 | |
| URCHYICIS SP. | | | | | | | 2 | 2 | 2.4 | 2.4-2.5 | NL | 0.3 | |
| MERLUCCIIUS BILINEARIS | | 16 | 15 | 4.2 | 3.2-5.8 | NL | 0 | 31 | 30 | 4.1 | 2.8-5.3 | NL | 9.9 |
| PARALICHTHYS DENTATUS | | 2 | 2 | 5.2 | 4.7-5.7 | SL | 6 | 25 | 24 | 4.0 | 2.9-7.7 | SL | 4.7 |
| SCOPHTHALMUS AQUOSUS | | 1 | 1 | 4.4 | SL | | | | | | 0.3 | | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| A 3 15 10 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-23M | | | | | | |
| ENCHELIOPLIS CIMBRIUS | | | | | | 0 | 6 | 6 | 3.5 | 2.7-4.1 | SL | 2.0 | |
| URCHYICIS SP. | | 1 | 1 | 12.5 | NL | | | | | | 0.3 | | |
| MERLUCCIIUS BILINEARIS | | 8 | 8 | 4.7 | 2.8-6.7 | NL | 0 | 37 | 33 | 4.5 | 2.6-26.5 | NL | 14.7 |
| PRIONOTUS CAROLINUS | | | | | | | 1 | 1 | 3.1 | SL | 0.3 | | |
| PARALICHTHYS DENTATUS | | 3 | 3 | 4.8 | 4.2-5.4 | SL | 0 | 14 | 14 | 2.7 | 2.8-5.5 | SL | 5.6 |
| SCOPHTHALMUS AQUOSUS | | 1 | 1 | 2.8 | SL | | | 1 | 1 | 2.6 | SL | 0.6 | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| A 4 15 10 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| BREVOORTIA TYRANNUS | | 1 | 1 | 9.3 | TL | | | | | | 0.3 | | |
| ENCHELIOPLIS CIMBRIUS | | 14 | 13 | 3.4 | 2.5-4.1 | SL | 1 | | | | 4.7 | 0.3 | |
| MERLUCCIIUS BILINEARIS | | 105 | 102 | 3.5 | 2.3-6.9 | NL | 31 | 216 | 207 | 3.5 | 2.3-5.7 | NL | 103.5 |
| PARALICHTHYS DENTATUS | | 34 | 34 | 4.0 | 2.7-5.4 | SL | 1 | 23 | 23 | 4.1 | 3.5-5.6 | SL | 17.9 |
| SCOPHTHALMUS AQUOSUS | | 12 | 10 | 3.3 | 2.2-4.3 | SL | | 13 | 13 | 3.2 | 2.8-4.2 | SL | 7.9 |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| A 5 15 10 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| ENCHELIOPLIS CIMBRIUS | | | | | | 4 | | | | | 3 | 0.0 | |
| URCHYICIS SP. | | 79 | 11 | 3.5 | 2.2-4.6 | NL | | 27 | 20 | 3.0 | 2.0-4.5 | NL | 32.7 |
| MERLUCCIIUS BILINEARIS | | 6 | 6 | 3.1 | 2.7-3.7 | NL | 12 | 73 | 67 | 3.0 | 2.0-4.6 | NL | 26.1 |
| CITHARICHTHYS ARCTIFRONS | | 1 | 1 | 5.7 | SL | | | 3 | 3 | 4.5 | 3.4-5.1 | SL | 1.3 |
| PARALICHTHYS DENTATUS | | 49 | 46 | 4.6 | 3.6-7.5 | SL | 0 | 55 | 56 | 4.2 | 2.9-8.2 | SL | 34.4 |
| SCOPHTHALMUS AQUOSUS | | 16 | 16 | 4.3 | 3.3-5.3 | SL | | 16 | 16 | 4.3 | 3.1-5.6 | SL | 10.1 |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| A 6 15 10 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| LOPHIUS AMERICANUS | | 1 | 1 | 7.6 | TL | | | 2 | 2 | 6.8 | | | |

TABLE 3. (continued)

[24]

| CRUISE DATE | | ***** LARVAE ***** | | | | | | ***** LARVAE ***** | | | | | | 2 | |
|---------------------------------------|--|----------------------|----|------------------|--------------|----------|-----------------------|--------------------|------------------|--------------|----------|-------------|-----|---|--|
| 06612 1966 | | NUMBER | | LENGTHS (MM) | | NO. EGGS | NUMBER | | LENGTHS (MM) | | NO. EGGS | NO. PER 1CM | | | |
| STA. D 4 SPECIES ANALYZED | | TOTAL MEAS. | | MEAN RANGE MEAS. | | | TOTAL MEAS. | | MEAN RANGE MEAS. | | | LARVAE | | | |
| B 3 14 10 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-23M | | | | | | | | |
| | | | | | | | | | | | | | | | |
| BREVORTIA TYRANNUS | | 24 | 22 | 11.7 | 4.4-18.7 TL | | 31 | 27 | 5.9 | 4.0-11.1 TL | | 17.5 | | | |
| ANCHOA HEPSETUS | | 1 | 1 | 23.7 | TL | | | | | | | 0.3 | | | |
| ENCHELORHynchus CIMBRIUS | | 1 | 1 | 3.9 | SL | 0 | 13 | 13 | 4.0 | 2.7-5.0 SL | 0 | 4.6 | 0.0 | | |
| UROPHYCIS SP. | | 3 | 3 | 20.1 | 16.0-23.6 NL | | 2 | 2 | 15.7 | 16.5-23.0 NL | | 1.6 | | | |
| MERLUCCIIUS BILINEARIS | | 1 | 1 | 3.3 | NL | 10 | 19 | 19 | 4.4 | 2.2-6.8 NL | 19 | 6.6 | 9.3 | | |
| PRIONOTUS CARLINIUS | | 10 | 10 | 4.3 | 3.0-6.1 SL | | 4 | 4 | 4.7 | 3.0-6.1 SL | | 4.3 | | | |
| CITHARICHTHYS ARCTIFRONS | | | | | | | 1 | 1 | 15.2 | SL | | 0.3 | | | |
| STREPS MICROSTOMUS | | | | | | | 2 | 2 | 4.8 | 4.3-5.3 SL | | 0.7 | | | |
| PARALICHTHYS DENTATUS | | 2 | 2 | 8.0 | 7.8-8.3 SL | 0 | 71 | 69 | 4.0 | 2.9-8.8 SL | 6 | 24.3 | 2.0 | | |
| SCOPHTHALMUS AQUOSUS | | 6 | 6 | 3.9 | 3.0-7.5 SL | | 9 | 8 | 4.2 | 2.6-6.8 SL | | 4.8 | | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | CPHIDIIDAE | | | | | | | | |
| | | | | | | | | | | | | | | | |
| P 4 14 10 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | | | | |
| | | | | | | | | | | | | | | | |
| BREVORTIA TYRANNUS | | | | | | | 2 | 2 | 5.8 | 9.7-10.0 TL | | 3.1 | | | |
| ENCHELORHynchus CIMBRIUS | | | | | | | 4 | 4 | 10.8 | 8.1-13.1 TL | | 1.3 | | | |
| UROPHYCIS SP. | | | | | | | 5 | 5 | 19.4 | 15.3-25.0 TL | | 1.7 | | | |
| ENCHELORHynchus CIMBRIUS | | | | | | 0 | 42 | 40 | 4.5 | 2.3-6.5 SL | 1 | 14.0 | 0.3 | | |
| UROPHYCIS SP. | | 25 | 16 | 5.3 | 3.2-7.9 NL | | 99 | 25 | 8.5 | 3.0-26.1 NL | | 40.5 | | | |
| MERLUCCIIUS BILINEARIS | | 6 | 6 | 5.7 | 4.2-6.8 NL | 6 | 145 | 142 | 6.4 | 2.5-18.5 NL | 9 | 50.1 | 4.8 | | |
| PEPEILUS TRIACANTHUS | | | | | | | 1 | 1 | 5.2 | SL | | 0.3 | | | |
| PRIONOTUS CARLINIUS | | | | | | | 1 | 1 | 3.0 | SL | | 0.3 | | | |
| CITHARICHTHYS ARCTIFRONS | | | | | | | 7 | 7 | 12.3 | 6.4-17.2 SL | | 2.3 | | | |
| PARALICHTHYS DENTATUS | | 2 | 2 | 6.0 | 5.6-6.5 SL | 0 | 33 | 31 | 5.3 | 3.7-7.5 SL | 0 | 11.6 | 0.0 | | |
| HIPPOGLOSSINA OBLONGUS | | | | | | | 5 | 5 | 5.4 | 3.7-7.4 SL | | 1.7 | | | |
| SCOPHTHALMUS AQUOSUS | | 4 | 4 | 4.0 | 3.0-5.2 SL | | 10 | 9 | 4.7 | 2.7-6.6 SL | | 4.5 | | | |
| GLYPTOCEPHALUS CYNOGLOSSUS | | | | | | | 1 | 1 | 20.1 | SL | | 0.3 | | | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | UNIDENTIFIED | | | | | | | | |
| | | | | | | | | | | | | | | | |
| B 5 14 10 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | | | | |
| | | | | | | | | | | | | | | | |
| BREVORTIA TYRANNUS | | 9 | 5 | 13.1 | 9.3-16.2 TL | | 4 | 3 | 8.8 | 6.9-9.7 TL | | 4.0 | | | |
| UROPHYCIS AMERICANUS | | 1 | 1 | 21.6 | TL | | 2 | 2 | 14.2 | 12.5-16.0 TL | | 1.0 | | | |
| ENCHELORHynchus CIMBRIUS | | 3 | 3 | 7.5 | 5.1-10.3 SL | 3 | 10 | 10 | 4.9 | 2.6-7.2 SL | 0 | 4.2 | 1.0 | | |
| UROPHYCIS SP. | | 72 | 13 | 7.9 | 4.0-15.5 NL | | 23 | 17 | 4.8 | 2.8-14.5 NL | | 29.3 | | | |
| MERLUCCIIUS BILINEARIS | | 24 | 23 | 9.6 | 4.1-14.1 NL | 2 | 204 | 200 | 7.5 | 2.7-13.8 NL | 1 | 75.2 | 0.9 | | |
| PEPEILUS TRIACANTHUS | | 1 | 1 | 9.4 | SL | | | | | | | 0.3 | | | |
| PRIONOTUS CARLINIUS | | | | | | | 2 | 2 | 3.4 | 3.2-3.7 SL | | 0.7 | | | |
| CITHARICHTHYS ARCTIFRONS | | 4 | 4 | 10.8 | 4.2-13.8 SL | | 19 | 19 | 9.8 | 4.5-14.3 SL | | 7.5 | | | |
| STREPS MICROSTOMUS | | | | | | | 1 | 1 | 3.9 | SL | | 0.3 | | | |
| PARALICHTHYS DENTATUS | | 1 | 1 | 3.3 | SL | 0 | 11 | 11 | 4.6 | 3.4-6.8 SL | 0 | 4.0 | 0.0 | | |
| HIPPOGLOSSINA OBLONGUS | | | | | | | 4 | 4 | 4.7 | 3.2-6.4 SL | | 1.3 | | | |
| SCOPHTHALMUS AQUOSUS | | 1 | 1 | 3.3 | SL | | 9 | 9 | 4.1 | 3.1-5.8 SL | | 3.3 | | | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | GCBIIDAE | | | | | | | | |
| | | | | | | | | | | | | | | | |
| P 6 14 10 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | | | | |
| | | | | | | | | | | | | | | | |
| BREVORTIA TYRANNUS | | 1 | 1 | 9.6 | TL | | 2 | 2 | 12.2 | 6.6-17.9 TL | | 0.3 | | | |
| ANCHOA HEPSETUS | | | | | | | 7 | 7 | 11.8 | 4.4-21.8 TL | | 0.7 | | | |
| UROPHYCIS AMERICANUS | | 1 | 1 | 24.7 | TL | | 25 | 25 | 4.7 | 1.7-8.0 SL | 0 | 2.6 | | | |
| ENCHELORHynchus CIMBRIUS | | 6 | 6 | 5.2 | 2.5-7.0 SL | 0 | 136 | 24 | 6.6 | 3.0-14.6 NL | | 10.1 | 0.0 | | |
| UROPHYCIS SP. | | 177 | 23 | 8.6 | 2.9-19.4 NL | | 277 | 277 | 10.8 | 2.2-21.0 NL | 0 | 58.4 | | | |
| MERLUCCIIUS BILINEARIS | | 31 | 31 | 10.2 | 4.3-16.5 NL | 0 | 2 | 2 | 4.1 | 3.6-4.7 SL | | 1.3 | 0.0 | | |
| PRIONOTUS CARLINIUS | | 2 | 2 | 4.1 | 4.0-4.3 SL | | 52 | 25 | 8.8 | 4.2-14.6 SL | | 18.2 | | | |
| CITHARICHTHYS ARCTIFRONS | | 3 | 2 | 11.2 | 6.6-15.7 SL | | 5 | 9 | 4.6 | 3.8-7.8 SL | 0 | 3.3 | 0.0 | | |
| PARALICHTHYS DENTATUS | | 1 | 1 | 3.8 | SL | 0 | 8 | 8 | 5.5 | 3.7-7.0 SL | | 3.9 | | | |
| HIPPOGLOSSINA OBLONGUS | | 4 | 4 | 6.9 | 3.5-10.2 SL | | | | | | | 0.7 | | | |
| SCOPHTHALMUS AQUOSUS | | 2 | 1 | 3.3 | SL | | | | | | | | | | |
| ADDITIONAL LARVAE CAUGHT SERRANIDAE | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| B 7 14 10 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | | | | |
| | | | | | | | | | | | | | | | |
| SERRANIDAE | | 1 | 1 | 15.1 | SL | | 1 | 1 | 4.7 | TL | | 0.3 | | | |
| UROPHYCIS AMERICANUS | | 1 | 1 | 5.0 | TL | | 1 | 1 | 6.3 | SL | 0 | 0.6 | | | |
| ENCHELORHynchus CIMBRIUS | | | | | | 0 | | | | | | 0.3 | 0.0 | | |
| UROPHYCIS SP. | | 132 | 26 | 5.9 | 4.6-8.4 NL | | 12 | 10 | 5.3 | 3.5-7.5 NL | | 44.0 | | | |
| MERLUCCIIUS BILINEARIS | | 15 | 15 | 11.2 | 6.3-15.7 NL | 0 | 59 | 58 | 5.6 | 3.5-15.0 NL | 0 | 24.2 | 0.0 | | |
| CITHARICHTHYS ARCTIFRONS | | 2 | 2 | 8.6 | 5.7-11.5 SL | | | | | | | 0.7 | | | |
| ADDITIONAL LARVAE CAUGHT CPHIDIIDAE | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| C 1 13 10 | | SAMPLING DEPTH 0-15M | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| UROPHYCIS SP. | | 1 | 1 | 9.3 | NL | | | | | | | 0.3 | | | |
| PRIONOTUS CARLINIUS | | 3 | 3 | 3.2 | 2.9-3.4 SL | | | | | | | 0.9 | | | |
| PARALICHTHYS DENTATUS | | 8 | 8 | 6.0 | 3.8-10.2 SL | 0 | | | | | | 2.4 | 0.0 | | |
| SCOPHTHALMUS AQUOSUS | | 5 | 5 | 3.4 | 2.7-4.6 SL | | | | | | | 1.5 | | | |

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | | | | | | | 2 | | | | | | |
|--------------------------|-------|------------------------------|-----|------|----------|----|----|--|--|--|-----|--|------|----------|----|-------|-------|-----|
| 06612 1966 | | NUMBER LENGTHS (MM) NO. EGGS | | | | | | | | | | NO. PER 10M | | | | | | |
| STA. | D.M. | SPECIES ANALYZED | | | | | | | | | | LARVAE | | | | | | |
| C 2 | 13 10 | SAMPLING DEPTH 0-15M | | | | | | | | | | | | | | | | |
| | | 155 | 65 | 11.6 | 5.0-18.2 | TL | | | | | | 47.0 | | | | | | |
| | | 10 | 10 | 9.8 | 5.0-11.7 | TL | | | | | | 3.0 | | | | | | |
| | | 1 | 1 | 5.6 | | SL | 0 | | | | | 0.3 | 0.0 | | | | | |
| | | 53 | 25 | 4.5 | 2.1-7.5 | NL | | | | | | 16.1 | | | | | | |
| | | 3 | 3 | 8.7 | 4.2-15.2 | NL | 0 | | | | | 0.9 | 0.0 | | | | | |
| | | 7 | 6 | 4.6 | 3.0-7.0 | SL | | | | | | 2.1 | | | | | | |
| | | 70 | 25 | 4.0 | 2.9-6.0 | SL | | | | | | 21.2 | | | | | | |
| | | 1 | 1 | 4.8 | | SL | | | | | | 0.3 | | | | | | |
| | | 44 | 44 | 4.8 | 3.0-7.5 | SL | 0 | | | | | 13.3 | 0.0 | | | | | |
| | | 1 | 1 | 5.2 | | SL | | | | | | 0.3 | | | | | | |
| | | 123 | 50 | 4.3 | 2.6-7.3 | SL | | | | | | 27.3 | | | | | | |
| ADDITIONAL LARVAE CAUGHT | | OPHIDIIDAE UNIDENTIFIED | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| C 3 | 13 10 | SAMPLING DEPTH 0-15M | | | | | | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| | | 398 | 153 | 11.5 | 7.7-16.2 | TL | | | | | 4 | 4 | 10.8 | 9.3-12.2 | TL | 128.6 | | |
| | | | | | | | | | | | 1 | 1 | 29.6 | | TL | 0.2 | | |
| | | 27 | 26 | 10.6 | 7.8-14.3 | TL | | | | | 31 | 31 | 10.6 | 5.3-25.6 | TL | 13.3 | | |
| | | 5 | 4 | 4.3 | 3.7-5.3 | SL | 0 | | | | 7 | 7 | 4.0 | 2.7-5.2 | SL | 2.7 | 0.0 | |
| | | 132 | 27 | 4.9 | 2.5-7.2 | NL | | | | | 23 | 22 | 4.7 | 2.5-16.7 | NL | 44.2 | | |
| | | 5 | 5 | 7.1 | 3.5-13.2 | NL | 1 | | | | 15 | 15 | 5.7 | 4.4-7.2 | NL | 4.0 | 0.6 | |
| | | 5 | 5 | 5.2 | 4.6-6.5 | SL | | | | | 5 | 5 | 6.9 | 3.7-46.2 | SL | 3.0 | | |
| | | 263 | 54 | 4.0 | 1.9-6.7 | SL | | | | | 77 | 24 | 4.2 | 2.1-6.1 | SL | 53.2 | | |
| | | 9 | 8 | 5.2 | 3.6-11.5 | SL | | | | | 10 | 10 | 4.8 | 3.9-6.6 | SL | 4.4 | | |
| | | 40 | 39 | 5.7 | 3.0-8.0 | SL | 19 | | | | 112 | 112 | 5.6 | 3.0-5.3 | SL | 14 | 30.4 | 8.1 |
| | | 3 | 3 | 6.7 | 5.4-7.8 | SL | | | | | 30 | 25 | 4.5 | 2.7-7.1 | SL | 5.8 | | |
| | | 60 | 59 | 4.5 | 2.2-7.7 | SL | | | | | 142 | 50 | 4.5 | 2.7-8.9 | SL | 41.4 | | |
| ADDITIONAL LARVAE CAUGHT | | OPHIDIIDAE UNIDENTIFIED | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| C 4 | 13 10 | SAMPLING DEPTH 0-15M | | | | | | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | 19 | 18 | 11.3 | 5.4-17.4 | TL | | | | | 1 | | | | | 6.3 | | |
| | | 23 | 22 | 7.5 | 4.4-12.8 | TL | | | | | 4 | 3 | 10.3 | 8.7-12.2 | TL | 8.2 | | |
| | | | | | | | | | | | 1 | 1 | 9.9 | | TL | 0.3 | | |
| | | 20 | 20 | 4.5 | 3.5-6.2 | SL | 0 | | | | 20 | 15 | 4.7 | 3.3-6.6 | SL | 0 | 12.7 | 0.0 |
| | | 469 | 22 | 5.2 | 3.0-8.9 | NL | | | | | 64 | 15 | 6.7 | 3.6-14.0 | NL | 142.0 | | |
| | | 38 | 38 | 5.8 | 2.6-9.2 | NL | 0 | | | | 65 | 62 | 6.7 | 2.6-13.0 | NL | 2 | 33.1 | 0.7 |
| | | 6 | 6 | 5.0 | 3.7-5.8 | SL | | | | | 4 | 4 | 3.2 | 1.5-6.7 | SL | 3.1 | | |
| | | 75 | 27 | 4.2 | 2.5-6.0 | SL | | | | | 14 | 14 | 4.4 | 2.6-6.8 | SL | 27.2 | | |
| | | 16 | 16 | 7.5 | 3.7-13.3 | SL | | | | | 13 | 13 | 5.1 | 3.4-14.7 | SL | 9.1 | | |
| | | 4 | 4 | 4.5 | 3.7-5.6 | SL | | | | | 3 | 3 | 5.0 | 4.6-5.9 | SL | 2.2 | | |
| | | 78 | 78 | 5.7 | 3.2-8.4 | SL | 6 | | | | 43 | 43 | 6.0 | 3.3-8.2 | SL | 2 | 37.7 | 2.5 |
| | | 4 | 4 | 5.7 | 4.3-7.2 | SL | | | | | 3 | 3 | 6.2 | 3.8-6.5 | SL | 2.2 | | |
| | | 51 | 48 | 4.2 | 2.7-6.7 | SL | | | | | 55 | 52 | 5.1 | 2.4-8.8 | SL | 33.6 | | |
| ADDITIONAL LARVAE CAUGHT | | OPHIDIIDAE | | | | | | | | | | ANGUILLIFORMES STROMATELAE UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| C 5 | 13 10 | SAMPLING DEPTH 0-15M | | | | | | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | 18 | 15 | 4.4 | 3.5-5.9 | SL | 0 | | | | 15 | 15 | 5.0 | 3.4-7.6 | SL | 0 | 10.4 | 0.0 |
| | | 659 | 26 | 3.8 | 2.8-4.9 | NL | | | | | 140 | 24 | 6.3 | 3.8-10.8 | NL | 244.3 | | |
| | | 34 | 33 | 5.0 | 2.6-7.3 | NL | 11 | | | | 162 | 162 | 6.0 | 2.6-11.7 | NL | 7 | 64.2 | 5.6 |
| | | 6 | 6 | 8.0 | 5.0-15.2 | SL | | | | | 4 | 4 | 7.6 | 6.8-8.9 | SL | 3.1 | | |
| | | 20 | 20 | 7.8 | 3.6-14.7 | SL | | | | | 134 | 25 | 6.4 | 4.3-11.5 | SL | 50.7 | | |
| | | 6 | 6 | 5.5 | 5.0-7.8 | SL | 0 | | | | 4 | 4 | 6.3 | 5.0-7.9 | SL | 0 | 3.1 | 0.0 |
| | | 9 | 9 | 5.4 | 4.1-7.6 | SL | | | | | 12 | 12 | 6.0 | 3.7-7.1 | SL | 6.7 | | |
| | | 3 | 3 | 4.9 | 4.7-5.4 | SL | | | | | 4 | 4 | 5.3 | 4.1-6.1 | SL | 2.2 | | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | | OPHIDIIDAE LABRIDAE OR SCARIDAE UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| C 6 | 13 10 | SAMPLING DEPTH 0-15M | | | | | | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | 1 | 1 | 3.8 | | SL | 0 | | | | 25 | 24 | 4.2 | 2.2-5.7 | SL | 0 | 8.6 | 0.0 |
| | | 55 | 19 | 4.9 | 3.5-5.7 | NL | | | | | 22 | 19 | 4.5 | 2.3-8.8 | NL | 23.8 | | |
| | | 34 | 34 | 7.6 | 3.1-12.2 | NL | 1 | | | | 100 | 99 | 7.8 | 2.2-16.3 | NL | 17 | 43.5 | 6.0 |
| | | 2 | 2 | 4.1 | 3.7-4.5 | SL | | | | | 1 | 1 | 3.5 | | SL | 0.9 | | |
| | | 4 | 4 | 6.3 | 4.4-10.9 | SL | | | | | 16 | 16 | 7.7 | 3.4-12.6 | SL | 6.5 | | |
| | | | | | | | 0 | | | | 1 | 1 | 4.8 | | SL | 0 | 0.3 | 0.0 |
| | | 3 | 3 | 6.6 | 5.6-7.5 | SL | | | | | 2 | 2 | 6.0 | 3.2-8.7 | SL | 1.6 | | |
| | | | | | | | | | | | 5 | 5 | 4.9 | 3.9-6.9 | SL | 1.7 | | |
| ADDITIONAL LARVAE CAUGHT | | UNIDENTIFIED | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| C 7 | 13 10 | SAMPLING DEPTH 0-15M | | | | | | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | 1 | 1 | 9.0 | | TL | | | | | | | | | | 0.3 | | |
| | | 1 | 1 | 9.5 | | TL | | | | | 4 | 4 | 5.8 | 7.2-15.2 | TL | 1.6 | | |
| | | 1 | 1 | 7.3 | | SL | 0 | | | | 24 | 23 | 5.2 | 3.5-8.9 | SL | 0 | 8.3 | 0.0 |
| | | 92 | 21 | 5.2 | 3.2-10.5 | NL | | | | | 604 | 29 | 5.5 | 3.0-10.6 | NL | 228.9 | | |
| | | 45 | 43 | 13.5 | 3.9-29.2 | NL | 4 | | | | 490 | 487 | 5.9 | 2.3-33.8 | NL | 3 | 176.8 | 2.2 |
| | | 1 | 1 | 3.5 | | SL | | | | | | | | | | 0.3 | | |
| | | 198 | 25 | 8.1 | 3.3-15.1 | SL | | | | | 171 | 25 | 6.1 | 4.2-14.4 | SL | 116.4 | | |
| | | 8 | 8 | 5.7 | 3.2-8.5 | SL | | | | | 7 | 7 | 6.4 | 4.4-8.2 | SL | 4.7 | | |
| ADDITIONAL LARVAE CAUGHT | | OPHIDIIDAE UNIDENTIFIED | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

| CPUIKE DATE | ***** LARVAE ***** | ***** LARVAE ***** | 2 |
|---------------------------|-----------------------------------|-----------------------------------|-------------|
| 6612 1966 | NUMBER LENGTHS (MM) NO. | NUMBER LENGTHS (MM) NO. | NO. PER 10M |
| STA. D M SPECIES ANALYZED | TOTAL MEAS. MEAN RANGE MEAS. EGGS | TOTAL MEAS. MEAN RANGE MEAS. EGGS | L/FVFE EGGS |
| C 1 13 10 | SAMPLING DEPTH 0-15M | SAMPLING DEPTH 18-23M | |
| UREPHYICIS SP. | 1 1 11.3 NL | 8 8 10.1 4.6-14.3 NL | 3.0 |
| MERLUCCIIUS BILINEARIS | 1 1 19.8 NL | 1 1 12.6 NL | 0.6 |
| ADDITIONAL LARVAE CAUGHT | OPHIIDIAE | CPHIIDIAE | 0.0 |
| C 1 16 10 | SAMPLING DEPTH 0-6M | | |
| BREVORTIA TYRANNUS | 2 2 7.6 5.1-10.2 TL | | 0.2 |
| UREPHYICIS SP. | 3 2 2.9 1.5- 4.3 NL | | 0.4 |
| MERLUCCIIUS BILINEARIS | 1 1 2.7 NL | | 0.1 |
| PRIENOTUS CARLINUS | 27 27 3.6 2.4- 5.5 SL | | 3.3 |
| PARALICHTHYS DENTATUS | 6 5 3.1 2.7- 3.4 SL | | 0.7 |
| HIPPUGLOSSINA OBLONGUS | 1 1 3.2 SL | | 0.1 |
| SCOPHTHALMUS AQUINUS | 16 16 3.3 2.2- 6.1 SL | | 1.9 |
| ADDITIONAL LARVAE CAUGHT | OPHIIDIAE | | |
| | STROMATEICAE | | |
| C 2 06 10 | SAMPLING DEPTH 0-6M | | |
| BREVORTIA TYRANNUS | 5 5 6.9 4.4- 8.7 TL | | 0.6 |
| UREPHYICIS SP. | 3 2 2.9 2.9- 3.0 NL | | 0.4 |
| PRIENOTUS CARLINUS | 187 25 3.3 1.7- 5.0 SL | | 22.7 |
| PARALICHTHYS DENTATUS | 7 7 3.2 2.9- 3.8 SL | | 0.8 |
| SCOPHTHALMUS AQUINUS | 92 50 3.2 2.2- 4.7 SL | | 11.2 |
| ADDITIONAL LARVAE CAUGHT | CPHIIDIAE | | |
| | SYNGNATHIDAE | | |
| C 3 05 10 | SAMPLING DEPTH 0-15M | | |
| BREVORTIA TYRANNUS | 89 23 6.9 4.1-10.1 TL | | 27.0 |
| ENGRAULIS EUPYSTOLE | 15 14 8.7 7.1-10.7 TL | | 4.5 |
| ENCHELYOPUS CIMBRIUS | 2 2 3.1 2.8- 3.3 SL | | 0.6 |
| UREPHYICIS SP. | 115 21 3.5 2.1- 5.5 NL | | 24.8 |
| MERLUCCIIUS BILINEARIS | 3 3 7.1 6.9- 7.4 NL | | 0.9 |
| PEPRILUS TRIACANTHUS | 13 13 3.7 2.3- 7.5 SL | | 3.9 |
| PRIENOTUS CARLINUS | 830 29 3.4 1.8- 4.8 SL | | 251.5 |
| CITHARICHTHYS ARCIFRONS | 1 1 12.2 SL | | 0.3 |
| ETROPLUS MICROSTOMUS | 7 7 3.7 3.0- 4.9 SL | | 2.1 |
| PARALICHTHYS DENTATUS | 100 58 4.1 2.8- 6.4 SL | | 20.3 |
| HIPPUGLOSSINA OBLONGUS | 7 7 5.3 4.2- 6.2 SL | | 2.1 |
| SCOPHTHALMUS AQUINUS | 453 50 3.4 2.4- 4.9 SL | | 127.3 |
| ADDITIONAL LARVAE CAUGHT | OPHIIDIAE | | |
| | SERRANIDAE | | |
| | UNIDENTIFIED | | |
| C 4 12 10 | SAMPLING DEPTH 0-15M | SAMPLING DEPTH 18-24M | |
| BREVORTIA TYRANNUS | 24 17 8.1 4.7-12.8 TL | 105 41 6.8 4.7-12.8 TL | 24.3 |
| ENGRAULIS EUPYSTOLE | 3 2 9.8 9.0-10.6 TL | 3 3 8.5 7.4-10.2 TL | 1.4 |
| ENCHELYOPUS CIMBRIUS | 1 1 4.3 SL | | 0.3 |
| UREPHYICIS SP. | 36 23 3.2 1.7- 6.0 NL | 68 19 3.2 1.6- 5.7 NL | 22.0 |
| MERLUCCIIUS BILINEARIS | | 1 1 15.0 NL | 0.2 |
| PRIENOTUS CARLINUS | | 2 2 3.6 3.3- 4.0 SL | 0.3 |
| PEPRILUS TRIACANTHUS | 1 1 5.8 SL | 16 16 3.9 1.6-10.4 SL | 2.9 |
| PRIENOTUS CARLINUS | 145 28 2.9 1.1- 5.4 SL | 151 22 3.4 1.9- 5.4 SL | 68.9 |
| CITHARICHTHYS ARCIFRONS | | 5 5 5.1 3.5- 6.7 SL | 0.8 |
| ETROPLUS MICROSTOMUS | 3 3 3.7 2.4- 5.3 SL | 8 8 4.0 3.0- 5.3 SL | 2.2 |
| PARALICHTHYS DENTATUS | 29 29 4.4 2.6- 6.5 SL | 59 55 4.4 3.0- 5.9 SL | 18.5 |
| HIPPUGLOSSINA OBLONGUS | | 8 3 3.6 3.2- 3.5 SL | 1.3 |
| SCOPHTHALMUS AQUINUS | 122 50 3.5 2.2- 4.4 SL | 121 50 3.4 2.7- 4.9 SL | 57.0 |
| ADDITIONAL LARVAE CAUGHT | CPHIIDIAE | OPHIIDIAE | |
| | UNIDENTIFIED | SERRANIDAE | |
| | | UNIDENTIFIED | |
| C 5 12 10 | SAMPLING DEPTH 0-15M | SAMPLING DEPTH 18-24M | |
| BREVORTIA TYRANNUS | 11 10 7.8 5.0-10.0 TL | 50 50 6.5 3.1-12.5 TL | 11.5 |
| ENGRAULIS EUPYSTOLE | 2 2 6.3 5.8- 6.8 TL | 2 2 10.9 10.0-11.9 TL | 0.9 |
| ENCHELYOPUS CIMBRIUS | | 1 1 2.4 SL | 0.2 |
| UREPHYICIS SP. | 23 12 4.1 2.9- 5.5 NL | 56 24 3.8 1.7- 7.5 NL | 16.1 |
| MERLUCCIIUS BILINEARIS | 1 1 6.2 NL | 4 4 6.1 4.6- 8.3 NL | 1.0 |
| PRIENOTUS CARLINUS | 1 1 5.0 SL | 1 1 7.1 SL | 0.5 |
| PEPRILUS TRIACANTHUS | 2 2 16.5 4.5-28.6 SL | 2 2 5.1 5.0-13.3 SL | 0.9 |
| PRIENOTUS CARLINUS | 46 41 4.1 2.4- 5.4 SL | 107 23 3.5 1.5- 5.5 SL | 31.4 |
| CITHARICHTHYS ARCIFRONS | 1 1 3.8 SL | 5 4 7.8 3.1- 4.6 SL | 1.1 |
| ETROPLUS MICROSTOMUS | | 17 14 5.1 2.7- 8.6 SL | 2.7 |
| PARALICHTHYS DENTATUS | 11 9 4.8 3.7- 6.4 SL | 53 47 4.1 2.8- 7.9 SL | 12.0 |
| SCOPHTHALMUS AQUINUS | 20 19 4.0 2.7- 6.0 SL | 91 83 3.2 2.2- 6.1 SL | 20.8 |
| ADDITIONAL LARVAE CAUGHT | TRIGLICAE | UNIDENTIFIED | |
| | UNIDENTIFIED | | |

TABLE 3. (continued)

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| CRUISE DATE | ***** | LARVAE | ***** | ***** | LARVAE | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** 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TABLE 3. (continued)

| CRUISE DATE | ***** LARVAE ***** | | | | | | | | | | ***** LARVAE ***** | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| STA. 04 | TOTAL MEAS. | | | | | MEAN | | | | | RANGE | | | | | MEAS. | | | | | TOTAL MEAS. | | | | | MEAN | | | | | RANGE | | | | | MEAS. | | | | | EGGS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E 4 11 10 | SPECIES ANALYZED | | | | | SAMPLING DEPTH | | | | | 0-15M | | | | | | | | | | SAMPLING DEPTH | | | | | 16-24M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BREVORTIA TYRANNUS | 3 | 2 | 11.5 | 10.0-13.0 | TL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | | |
|--------------------------|-------|--------------------------|--|----------------|-------------------|-------|--------------------|----------------|---------------------|--------------|------|---------|------|
| NO. 1966 | | NUMBER | | LENGTHS (MM) | | NO. | | NUMBER | | LENGTHS (MM) | | | |
| STA. | D.M. | SPECIES ANALYZED | | TOTAL MEAS. | MEAN RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN RANGE | MEAS. | EGGS | NO. PER | 10M |
| F 3 | C5 10 | | | SAMPLING DEPTH | C-15M | | | SAMPLING DEPTH | C-15M | | | LARVAE | EGGS |
| | | URPHYCHIS SP. | | 2 | 1 3.1 | NL | | | | | | 0.6 | |
| | | PRIONOTUS CARLINUS | | 15 | 15 3.2 2.4- 3.8 | SL | | | | | | 4.5 | |
| | | ETROPUS MICROSTOMUS | | 16 | 16 3.3 2.6- 3.7 | SL | | | | | | 4.8 | |
| | | SCOPHTHALMUS AQUINUS | | 1 | 1 3.6 | SL | | | | | | 0.3 | |
| ADDITIONAL LARVAE CAUGHT | | OPHTHIDICAE | | | | | | | | | | | |
| | | SYNGNATHICAE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| F 4 | C5 10 | | | SAMPLING DEPTH | C-15M | | | | | | | | |
| | | BREVORTIA TYRANNUS | | 4 | 4 6.2 4.7- 6.5 | TL | | | | | | 1.2 | |
| | | URPHYCHIS SP. | | 99 | 30 2.3 1.5- 3.8 | NL | | | | | | 20.0 | |
| | | CENTROPRISTIS STRIATA | | 2 | 2 4.2 3.5- 5.0 | SL | | | | | | 0.6 | |
| | | PRIONOTUS CARLINUS | | 92 | 25 3.0 2.1- 5.1 | SL | | | | | | 27.9 | |
| | | CITHARICHTHYS ARCTIFRONS | | 3 | 3 5.3 3.4- 6.6 | SL | | | | | | 0.9 | |
| | | ETROPUS MICROSTOMUS | | 8 | 8 3.7 2.6- 4.6 | SL | | | | | | 2.4 | |
| | | PARALICHTHYS DENTATUS | | 1 | 1 5.4 | SL | | 0 | | | | 0.3 | C. C |
| | | HIPPOGLOSSINA OBLIQUUS | | 4 | 4 2.9 2.5- 3.1 | SL | | | | | | 1.2 | |
| | | SCOPHTHALMUS AQUINUS | | 1 | 1 3.7 | SL | | | | | | 0.3 | |
| ADDITIONAL LARVAE CAUGHT | | OPHTHIDICAE | | | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| F 5 | C4 10 | | | SAMPLING DEPTH | C-15M | | | SAMPLING DEPTH | 18-24M | | | | |
| | | BREVORTIA TYRANNUS | | 18 | 16 6.9 5.0-11.4 | TL | | 30 | 29 7.1 5.0-12.5 | TL | | 10.4 | |
| | | FAGRAJIS EURYSTOLE | | | | | | 3 | 3 17.9 15.6-20.0 | TL | | 0.5 | |
| | | URPHYCHIS SP. | | 33 | 21 3.1 1.9-10.2 | NL | | 77 | 35 3.7 1.8- 8.9 | NL | | 22.6 | |
| | | MERLUCCIIUS BILINEARIS | | 2 | 2 5.6 4.2- 7.0 | NL | | 1 | 1 3.7 | NL | | 0.8 | C.2 |
| | | CENTROPRISTIS STRIATA | | 2 | 2 5.4 5.3- 5.6 | SL | | 1 | 1 3.6 | SL | | 0.8 | |
| | | PEPRILUS TRIACANTHUS | | 2 | 2 5.2 5.1- 5.3 | SL | | 1 | 1 3.8 | SL | | 0.8 | |
| | | PRIONOTUS CARLINUS | | 191 | 24 3.2 2.4- 5.2 | SL | | 51 | 24 3.2 2.2- 4.5 | SL | | 66.9 | |
| | | CITHARICHTHYS ARCTIFRONS | | 9 | 9 5.5 3.4-10.0 | SL | | 16 | 16 5.0 6.2-12.7 | SL | | 5.4 | |
| | | ETROPUS MICROSTOMUS | | 5 | 5 4.4 3.6- 4.9 | SL | | 3 | 3 3.8 3.3- 4.7 | SL | | 2.0 | |
| | | PARALICHTHYS DENTATUS | | 15 | 15 4.3 3.1- 7.0 | SL | | 62 | 103 99 4.0 2.9- 4.8 | SL | | 21.3 | 25.3 |
| | | HIPPOGLOSSINA OBLIQUUS | | 1 | | | | 4 | 2 7.5 4.6-11.0 | SL | | 1.0 | |
| | | SCOPHTHALMUS AQUINUS | | | | | | 31 | 28 3.6 2.9- 4.5 | SL | | 5.0 | |
| ADDITIONAL LARVAE CAUGHT | | OPHTHIDICAE | | | | | | UNIDENTIFIED | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| F 6 | C4 10 | | | SAMPLING DEPTH | C-15M | | | SAMPLING DEPTH | 18-33M | | | | |
| | | BREVORTIA TYRANNUS | | 92 | 43 7.0 5.8-10.2 | TL | | 8 | 6 7.2 6.9- 7.6 | TL | | 30.7 | |
| | | FAGRAJIS EURYSTOLE | | 4 | 4 12.9 10.0-14.7 | TL | | | | | | 1.3 | |
| | | FACILEYOPUS COMBRIUS | | | | | | 1 | 1 4.7 | SL | | 0.3 | C. C |
| | | URPHYCHIS SP. | | 364 | 27 3.8 1.7- 7.5 | NL | | 13 | 8 2.7 2.1- 3.3 | NL | | 121.3 | |
| | | MERLUCCIIUS BILINEARIS | | 70 | 69 6.4 2.9-23.3 | NL | | 10 | 9 7.0 3.7-13.8 | NL | | 24.3 | C. C |
| | | PEPRILUS TRIACANTHUS | | 3 | 3 13.0 4.0-30.5 | SL | | | | | | 1.0 | |
| | | PRIONOTUS CARLINUS | | 373 | 29 3.0 1.9- 4.3 | SL | | 8 | 8 2.8 2.2- 3.6 | SL | | 124.3 | |
| | | CITHARICHTHYS ARCTIFRONS | | 389 | 25 6.0 3.2-10.2 | SL | | 11 | 10 6.2 2.5-10.2 | SL | | 129.7 | |
| | | ETROPUS MICROSTOMUS | | 15 | 15 5.0 3.3- 6.9 | SL | | 1 | 1 2.5 | SL | | 5.0 | |
| | | PARALICHTHYS DENTATUS | | 115 | 106 4.0 3.2- 6.5 | SL | | 0 | 6 6 4.0 3.3- 4.4 | SL | | 28.3 | C. C |
| | | HIPPOGLOSSINA OBLIQUUS | | 77 | 50 3.3 2.7- 5.2 | SL | | | | | | 25.7 | |
| | | SCOPHTHALMUS AQUINUS | | 15 | 13 3.3 2.7- 5.3 | SL | | 2 | 2 2.5 2.4- 3.0 | SL | | 5.2 | |
| ADDITIONAL LARVAE CAUGHT | | OPHTHIDICAE | | | | | | OPHTHIDICAE | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| F 7 | C4 10 | | | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | |
| | | BREVORTIA TYRANNUS | | 426 | 38 6.6 3.1- 8.5 | TL | | 2 | 2 6.7 5.8- 7.6 | TL | | 142.0 | |
| | | FAGRAJIS EURYSTOLE | | 2 | 2 13.1 11.6-14.7 | TL | | 2 | 2 14.0 13.3-14.8 | TL | | 1.3 | |
| | | LOPHIUS AMERICANUS | | 1 | 1 5.1 | TL | | 1 | 1 4.5 | TL | | 0.6 | |
| | | URPHYCHIS SP. | | 374 | 39 3.5 1.8- 5.9 | NL | | 86 | 15 4.3 2.5- 7.5 | NL | | 140.9 | |
| | | MERLUCCIIUS BILINEARIS | | 6 | 6 4.7 3.0- 7.0 | NL | | 0 | 21 17 6.3 3.0- 9.3 | NL | | 8.8 | 0.0 |
| | | PEPRILUS TRIACANTHUS | | | | | | 1 | 1 2.9 | SL | | 0.3 | |
| | | PRIONOTUS CARLINUS | | 5 | 5 2.9 2.5- 3.1 | SL | | 9 | 9 3.3 3.0- 3.7 | SL | | 4.5 | |
| | | CITHARICHTHYS ARCTIFRONS | | 108 | 25 6.1 3.3- 7.9 | SL | | 120 | 25 5.4 4.0-15.0 | SL | | 72.4 | |
| | | HIPPOGLOSSINA OBLIQUUS | | 32 | 32 4.2 2.7- 6.2 | SL | | 11 | 10 6.0 4.2- 8.1 | SL | | 13.3 | |
| ADDITIONAL LARVAE CAUGHT | | OPHTHIDICAE | | | | | | OPHTHIDICAE | | | | | |
| | | STROMATEICAE | | | | | | UNIDENTIFIED | | | | | |
| | | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| C 1 | C4 10 | | | SAMPLING DEPTH | C- 6M | | | | | | | | |
| | | ARCTIA MITCHELLI | | 19 | 19 25.4 14.8-47.1 | TL | | | | | | 2.3 | |
| | | | | | | | | | | | | | |
| G 2 | C3 10 | | | SAMPLING DEPTH | 0- 6M | | | | | | | | |
| | | PRIONOTUS CARLINUS | | 11 | 11 3.7 2.1- 6.0 | SL | | | | | | 1.3 | |
| | | PRIONOTUS EVOLANS | | 1 | 1 5.0 | SL | | | | | | 0.1 | |
| | | ETROPUS MICROSTOMUS | | 1 | 1 4.1 | SL | | | | | | 0.1 | |
| ADDITIONAL LARVAE CAUGHT | | OPHTHIDICAE | | | | | | | | | | | |

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|---|-------|--------------------|--------------|-----------|-------|----------------|--------------------|-------|-----------|-------------|-------|---|--|
| 06617 | 1966 | NUMBER | LENGTHS (MM) | NO. | | NUMBER | LENGTHS (MM) | NO. | | NO. PER 10M | | | |
| STA. | 04 | TOTAL MEAS. | MEAN | RANGE | MEAS. | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | EGGS | | |
| SPECIES ANALYZED | | | | | | | | | | | | | |
| G 3 | C3 10 | SAMPLING DEPTH | 0-15M | | | | | | | | | | |
| BREVORTIA TYRANNUS | 1 | 1 | 11.6 | | TL | | | | | | 0.3 | | |
| HECERYCIS SP. | 8 | 6 | 2.4 | 1.7- 3.0 | NL | | | | | | 2.4 | | |
| PRIONOTUS CARLINUS | 28 | 27 | 3.4 | 2.3- 5.9 | SL | | | | | | 8.5 | | |
| ETREPIUS MICROSTOMUS | 1 | 1 | 6.3 | | SL | | | | | | 0.3 | | |
| PARALICHTHYS DENTATUS | | | | | | | | | | 24 | 0.0 | | |
| HIPPUGLOSSINA OBLONGUS | 2 | 1 | 3.0 | | SL | | | | | | 0.6 | | |
| ADDITIONAL LARVAE CAUGHT OPHIDIIDAE | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| G 4 | C4 10 | SAMPLING DEPTH | 0-15M | | | | | | | | | | |
| BREVORTIA TYRANNUS | 2553 | 116 | 6.4 | 2.7-10.5 | TL | | | | | | 773.6 | | |
| ENGRAULIS EURYSTOLE | 10 | 10 | 17.9 | 11.4-23.1 | TL | | | | | | 3.0 | | |
| LEPHIUS AMERICANUS | 1 | 1 | 14.0 | | TL | | | | | | 0.3 | | |
| HECERYCIS SP. | 804 | 28 | 2.7 | 1.7- 5.4 | NL | | | | | | 243.6 | | |
| MERLUCCIIUS BILINEARIS | 1 | 1 | 5.4 | | NL | | | | | 0 | 0.3 | | |
| CENTROPRISTIS STRIATA | 1 | 1 | 6.3 | | SL | | | | | | 0.3 | | |
| PEPRILIUS TRIACANTHUS | 1 | 1 | 6.2 | | SL | | | | | | 0.3 | | |
| PRIONOTUS CARLINUS | 2425 | 25 | 3.2 | 1.9- 5.2 | SL | | | | | | 734.8 | | |
| CITHARICHTHYS ARCTIFRONS | 62 | 25 | 6.4 | 2.7-11.7 | SL | | | | | | 18.8 | | |
| ETREPIUS MICROSTOMUS | 20 | 20 | 5.5 | 2.7-11.4 | SL | | | | | | 6.1 | | |
| PARALICHTHYS DENTATUS | 22 | 21 | 4.1 | 3.2- 5.2 | SL | | | | | 0 | 6.7 | | |
| HIPPUGLOSSINA OBLONGUS | 64 | 60 | 4.0 | 2.9- 7.2 | SL | | | | | | 19.4 | | |
| SCOPHTHALMUS AQUOSUS | 28 | 28 | 3.6 | 3.1- 4.1 | SL | | | | | | 8.5 | | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | | |
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| G 5 | C4 10 | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | | |
| BREVORTIA TYRANNUS | 79 | 37 | 7.1 | 2.7-10.3 | TL | 2 | 2 | 7.3 | 7.2- 7.4 | TL | 26.3 | | |
| ENGRAULIS EURYSTOLE | 2 | 2 | 13.0 | 13.0-13.1 | TL | | | | | | 0.7 | | |
| LEPHIUS AMERICANUS | 1 | 1 | 4.9 | | TL | | | | | | 0.3 | | |
| HECERYCIS SP. | 209 | 26 | 3.4 | 2.3- 5.5 | NL | 0 | 1 | 1 | 4.2 | SL | 0.3 | | |
| MERLUCCIIUS BILINEARIS | | | | | | 0 | 23 | 18 | 3.1 | 1.7- 4.4 | NL | | |
| CENTROPRISTIS STRIATA | 4 | 4 | 5.8 | 5.5- 6.1 | SL | | | | | | 0.7 | | |
| PEPRILIUS TRIACANTHUS | 4 | 4 | 5.4 | 5.2- 5.6 | SL | | | | | | 0.3 | | |
| PRIONOTUS CARLINUS | 809 | 25 | 3.6 | 2.3- 5.5 | SL | | | | | | 1.3 | | |
| CITHARICHTHYS ARCTIFRONS | 52 | 52 | 4.9 | 2.9-10.7 | SL | | | | | | 269.6 | | |
| ETREPIUS MICROSTOMUS | 18 | 18 | 7.0 | 3.9-11.6 | SL | | | | | | 23.6 | | |
| PARALICHTHYS DENTATUS | 3 | 3 | 4.9 | 3.8- 6.3 | SL | 0 | 6 | 6 | 8.8 | 6.1-11.7 | SL | | |
| HIPPUGLOSSINA OBLONGUS | 22 | 19 | 4.1 | 3.1- 5.7 | SL | | | | | | 7.4 | | |
| SCOPHTHALMUS AQUOSUS | 3 | 3 | 4.1 | 3.7- 4.6 | SL | | | | | | 1.6 | | |
| ADDITIONAL LARVAE CAUGHT SERRANICAE | | | | | | | | | | | | | |
| UNIDENTIFIED | | | | | | | | | | | | | |
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| G 6 | C4 10 | SAMPLING DEPTH | 0-15M | | | SAMPLING DEPTH | 18-33M | | | | | | |
| BREVORTIA TYRANNUS | 29 | 24 | 7.0 | 3.9- 5.1 | TL | 6 | 5 | 7.4 | 6.3-10.3 | TL | 10.7 | | |
| ENGRAULIS EURYSTOLE | | | | | | 2 | 2 | 15.9 | 15.8-16.0 | TL | 0.7 | | |
| CERATOSCOPUS MAHERENSIS | 2 | 2 | 8.0 | 7.5- 8.6 | SL | | | | | | 1.3 | | |
| LEPHIUS AMERICANUS | | | | | | 2 | 2 | 10.0 | 9.5-10.5 | SL | 0.3 | | |
| HECERYCIS SP. | 625 | 27 | 3.5 | 2.2- 8.5 | NL | | | | | | 219.8 | | |
| MERLUCCIIUS BILINEARIS | | | | | | 0 | 97 | 13 | 6.1 | 2.9- 8.0 | NL | | |
| PEPRILIUS TRIACANTHUS | | | | | | | | | | | 0.3 | | |
| PRIONOTUS CARLINUS | 351 | 28 | 3.3 | 2.5- 4.0 | SL | | | | | | 0.3 | | |
| CITHARICHTHYS ARCTIFRONS | 25 | 25 | 6.7 | 5.1- 9.6 | SL | | | | | | 122.0 | | |
| HIPPUGLOSSINA OBLONGUS | 13 | 13 | 4.1 | 2.9- 5.2 | SL | | | | | | 50.5 | | |
| SCOPHTHALMUS AQUOSUS | 1 | 1 | 3.8 | | SL | | | | | | 7.2 | | |
| ADDITIONAL LARVAE CAUGHT CYCLOTHENE SP. | | | | | | | | | | | | | |
| UNIDENTIFIED | | | | | | | | | | | | | |
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| H 1 | C3 10 | SAMPLING DEPTH | 0- 6M | | | | | | | | | | |
| PRIONOTUS CARLINUS | 2 | 2 | 5.0 | 4.5- 5.5 | SL | | | | | | 0.2 | | |
| ADDITIONAL LARVAE CAUGHT OPHIDIIDAE | | | | | | | | | | | | | |
| UNIDENTIFIED | | | | | | | | | | | | | |
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| H 2 | C3 10 | SAMPLING DEPTH | 0- 6M | | | | | | | | | | |
| ENGRAULIS EURYSTOLE | 1 | 1 | 12.8 | | TL | | | | | | 0.1 | | |
| PRIONOTUS CARLINUS | 13 | 13 | 3.8 | 2.1- 5.6 | SL | | | | | | 1.6 | | |
| ETREPIUS MICROSTOMUS | 2 | 2 | 5.2 | 4.0- 6.3 | SL | | | | | | 0.2 | | |
| | | | | | | | | | | | | | |
| H 3 | C3 10 | SAMPLING DEPTH | 0-15M | | | | | | | | | | |
| PRIONOTUS CARLINUS | 7 | 7 | 3.6 | 1.9- 4.8 | SL | | | | | | 2.1 | | |
| ETREPIUS MICROSTOMUS | 16 | 16 | 4.2 | 2.0- 6.2 | SL | | | | | | 4.8 | | |
| PARALICHTHYS DENTATUS | | | | | | | | | | 25 | 0.0 | | |
| ADDITIONAL LARVAE CAUGHT OPHIDIIDAE | | | | | | | | | | | | | |
| UNIDENTIFIED | | | | | | | | | | | | | |
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| CRUISE DATE | STATION | SPECIES ANALYZED | NUMBER TOTAL MEAS. | LENGTHS (MM) MEAN RANGE MEAS. | NO. EGGS | NUMBER TOTAL MEAS. | LENGTHS (MM) MEAN RANGE MEAS. | NO. EGGS | NO. PER 10 ^m LIVE | 2 EGGS |
|-------------|---------|--------------------------|-----------------------|--|-------------|-----------------------|----------------------------------|-------------|---------------------------------|-----------|
| C6612 1966 | F 4 | C3 10 | | 0-15M | | | | | | |
| | | PREVORTIA TYFANNUS | 10 | 10 10.2 | 8.0-11.3 TL | | | | 3.0 | |
| | | UROPHYCIS SP. | 14 | 5 3.2 | 2.7- 3.7 NL | | | | 4.2 | |
| | | PRIONOTUS CARLINIUS | 38 | 19 4.2 | 2.8- 5.2 SL | | | | 11.5 | |
| | | ETROPUS MICROSTOMUS | 13 | 13 5.0 | 3.7- 8.0 SL | | | | 3.9 | |
| | | PARALICHTHYS DENTATUS | | | | 45 | | | 0.0 | 13.6 |
| | | ADDITIONAL LARVAE CAUGHT | | OPHIIDIAE SERPENTINAE UNIDENTIFIED | | | | | | |
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TABLE 3. (continued)

| CRUISE DATE STA. NO. SPECIES ANALYZED | ***** LARVAE ***** | | | | | NO. EGGS | ***** LARVAE ***** | | | | | NO. PER 10M ² LARVAE |
|--|----------------------|--------------|-------|--------------|-------|-------------|-----------------------|--------------|--------|--------------|-------|------------------------------------|
| | NUMBER | LENGTHS (MM) | MEAS. | RANGE | MEAS. | | NUMBER | LENGTHS (MM) | MEAS. | RANGE | MEAS. | |
| K 6 30 09 | TOTAL MEAS. | MEAN | 0-15M | | | | TOTAL MEAS. | MEAN | 1E-23M | | | |
| ANCHOA HEPSETUS | 24 | 23 | 10.6 | 5.5-15.8 TL | | | 8 | 6 | 11.6 | 7.0-16.0 TL | | 9.9 |
| ENGRaulis EUPYSTOLE | 7 | 7 | 13.2 | 6.9-16.9 TL | | | 6 | 6 | 11.6 | 7.0-16.0 TL | | 4.1 |
| CERATOSCOPELUS WARMINGI | | | | | | | 1 | 1 | 5.4 | | SL | 0.3 |
| UROPHYCIS SP. | 23 | 14 | 3.5 | 2.1- 4.1 NL | | | 118 | 21 | 4.3 | 2.9- 5.5 NL | | 46.2 |
| SCOMBEROMORUS CAVALLA | 1 | 1 | 6.0 | | SL | | | | | | | 0.3 |
| BOTHUS OCELLATUS | 2 | 2 | 6.3 | 6.0- 6.5 SL | | | | | | | | 0.7 |
| CITHARICHTHYS ARCTIFRONS | 14 | 13 | 5.2 | 4.0- 6.8 SL | | | 13 | 12 | 5.4 | 3.7- 7.9 SL | | 8.5 |
| ETROPLUS MICROSTOMUS | 24 | 24 | 6.0 | 3.7- 7.3 SL | | | 6 | 6 | 5.4 | 3.4- 8.0 SL | | 9.2 |
| SYACIUM PAPILLOSUM | 6 | 6 | 5.8 | 4.2- 8.6 SL | | | 2 | 2 | 4.7 | 4.6- 4.8 SL | | 2.5 |
| GLYPTOCEPHALUS CYNOGLOSSUS | | | | | | | 2 | 2 | 30.7 | 29.8-31.5 SL | | 0.7 |
| SYMPHURUS SP. | 3 | 3 | 7.3 | 5.3-11.1 SL | | | 2 | 2 | 5.5 | 9.2- 9.7 SL | | 1.6 |
| ADDITIONAL LARVAE CAUGHT | CYCLOTHONE SP. | | | | | | CYCLOTHONE SP. | | | | | |
| | SYNOODONTIDAE | | | | | | LOPHIIFORMES | | | | | |
| | PREGMACEFTIDAE | | | | | | OPHIIDIDAE | | | | | |
| | OPHIIDIDAE | | | | | | SERRANIDAE | | | | | |
| | SERRANIDAE | | | | | | GOBIIDAE | | | | | |
| | GOBIIDAE | | | | | | TRIGLIDAE | | | | | |
| | TRIGLIDAE | | | | | | UNIDENTIFIED | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | |
| K 7 30 09 | SAMPLING DEPTH 0-15M | | | | | | SAMPLING DEPTH 18-33M | | | | | |
| ANCHOA HEPSETUS | 4 | 4 | 17.2 | 16.5-18.2 TL | | | 1 | 1 | 15.8 | | TL | 1.5 |
| ENGRaulis EUPYSTOLE | 6 | 6 | 20.3 | 19.3-21.5 TL | | | | | | | | 2.0 |
| DIAPHYS SP. | | | | | | | 1 | 1 | 4.4 | | SL | 0.3 |
| UROPHYCIS SP. | | | | | | | 5 | 4 | 3.7 | 2.0- 5.2 NL | | 1.7 |
| MERLUCCIIUS BILINEARIS | 1 | 1 | 11.0 | | NL | 0 | | | | | | 0.3 |
| MICROPOGON UNULATUS | 1 | 1 | 4.2 | | SL | | | | | | | 0.3 |
| BOTHUS OCELLATUS | 4 | 4 | 4.5 | 3.8- 5.4 SL | | | | | | | | 1.3 |
| CITHARICHTHYS ARCTIFRONS | | | | | | | 1 | 1 | 3.8 | | SL | 0.3 |
| SYACIUM PAPILLOSUM | 4 | 3 | 4.4 | 4.1- 4.8 SL | | | | | | | | 1.3 |
| ADDITIONAL LARVAE CAUGHT | CYCLOTHONE SP. | | | | | | SYNOODONTIDAE | | | | | |
| | SYNOODONTIDAE | | | | | | CARAPIDAE | | | | | |
| | CARAPIDAE | | | | | | GOBIIDAE | | | | | |
| | GOBIIDAE | | | | | | TETRAODONTIDAE | | | | | |
| | UNIDENTIFIED | | | | | | UNIDENTIFIED | | | | | |
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| I 1 30 09 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| MICROPOGON UNULATUS | 4 | 4 | 4.6 | 3.4- 6.1 SL | | | | | | | | 0.5 |
| SYMPHURUS SP. | 1 | 1 | 6.8 | | SL | | | | | | | 0.1 |
| ADDITIONAL LARVAE CAUGHT | OPHIIDIDAE | | | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | |
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| I 2 30 09 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| ANCHOA HEPSETUS | 7 | 7 | 6.9 | 3.0-12.2 TL | | | | | | | | 0.8 |
| PARIMUS FASCIATUS | 3 | 3 | 2.7 | 2.0- 3.2 SL | | | | | | | | 0.4 |
| MICROPOGON UNULATUS | 28 | 28 | 3.5 | 2.6- 4.4 SL | | | | | | | | 3.4 |
| ETROPLUS MICROSTOMUS | 1 | 1 | 2.9 | | SL | | | | | | | 0.1 |
| SYACIUM PAPILLOSUM | 1 | | | | | | | | | | | 0.1 |
| SYMPHURUS SP. | 2 | 2 | 4.7 | 3.9- 5.4 SL | | | | | | | | 0.2 |
| ADDITIONAL LARVAE CAUGHT | UNIDENTIFIED | | | | | | | | | | | |
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| I 3 30 09 | SAMPLING DEPTH 0-15M | | | | | | SAMPLING DEPTH 18-24M | | | | | |
| OPHIICHTHYS GOMESI | | | | | | | 2 | 2 | 56.2 | 44.9-67.5 TL | | 0.3 |
| ANCHOA HEPSETUS | 140 | 53 | 7.8 | 3.1-17.2 TL | | | 150 | 47 | 10.0 | 4.5-20.0 TL | | 67.2 |
| CERATOSCOPELUS WARMINGI | | | | | | | 2 | 2 | 6.0 | 5.0- 7.1 SL | | 0.3 |
| DIAPHYS SP. | 1 | 1 | 12.9 | | SL | | | | | | | 0.3 |
| NOTOLYCHNIS VALDIVIAE | | | | | | | 2 | 2 | 5.5 | 5.6- 6.2 SL | | 0.3 |
| UROPHYCIS SP. | 1 | 1 | 4.2 | | NL | | 2 | 2 | 5.1 | 4.7- 5.5 NL | | 0.6 |
| HEMANTHIA S. VIVANUS | 1 | 1 | 4.7 | | SL | | | | | | | 0.3 |
| PARIMUS FASCIATUS | 1 | 1 | 3.2 | | SL | | 1 | 1 | 3.7 | | SL | 0.5 |
| MICROPOGON UNULATUS | 22 | 22 | 3.3 | 2.8- 5.0 SL | | | 78 | 77 | 3.3 | 2.7- 5.0 SL | | 19.4 |
| SCOMBEROMORUS CAVALLA | | | | | | | 1 | 1 | 11.1 | | SL | 0.2 |
| PRISTIGOTUS CAROLINUS | | | | | | | 1 | 1 | 6.3 | | SL | 0.2 |
| BOTHUS OCELLATUS | 1 | 1 | 4.7 | | SL | | 4 | 4 | 5.6 | 7.4-14.4 SL | | 1.0 |
| ETROPLUS MICROSTOMUS | 40 | 37 | 3.8 | 3.1- 4.8 SL | | | 129 | 26 | 5.2 | 3.3- 7.6 SL | | 33.1 |
| SYACIUM PAPILLOSUM | 2 | 2 | 7.8 | 6.0- 9.6 SL | | | 10 | 10 | 7.2 | 4.5-13.3 SL | | 2.2 |
| SYMPHURUS SP. | 3 | 3 | 6.8 | 4.1-12.1 SL | | | 13 | 12 | 8.5 | 5.0-13.1 SL | | 3.0 |
| ADDITIONAL LARVAE CAUGHT | SYNOODONTIDAE | | | | | | SYNOODONTIDAE | | | | | |
| | OPHIIDIDAE | | | | | | LOPHIIFORMES | | | | | |
| | SERRANIDAE | | | | | | PREGMACEFTIDAE | | | | | |
| | PRIACANTHIDAE | | | | | | OPHIIDIDAE | | | | | |
| | BLENNIIDAE | | | | | | SERRANIDAE | | | | | |
| | CALLIONYMIDAE | | | | | | SCIENIIDAE | | | | | |
| | GOBIIDAE | | | | | | URANOSCOPIDAE | | | | | |
| | TRIGLIDAE | | | | | | BLENNIIDAE | | | | | |
| | | | | | | | CALLIONYMIDAE | | | | | |
| | | | | | | | GOBIIDAE | | | | | |
| | | | | | | | SCORPAENIDAE | | | | | |
| | | | | | | | TRIGLIDAE | | | | | |
| | | | | | | | BALISTIDAE | | | | | |
| | | | | | | | UNIDENTIFIED | | | | | |

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|-------------|-------|---------------------------|--|----------------------|--------------|-------|-----------------------|--------------|-------|------|-------------|----------|------|
| STA. | D M | SPECIES ANALYZED | | NUMBER | LENGTHS (MM) | ND. | NUMBER | LENGTHS (MM) | ND. | EGGS | NO. PER 10M | EGGS | |
| L 4 | 20 09 | | | TOTAL MEAS. | MEAN RANGE | MEAS. | TOTAL MEAS. | MEAN RANGE | MEAS. | EGGS | LARVAE | | |
| | | | | SAMPLING DEPTH | 0-15M | | SAMPLING DEPTH | 1E-33M | | | | | |
| | | ANCHOA HEPSETUS | | 7 | 6 | 8.4 | 6.4-12.0 | TL | | | | 2.3 | |
| | | ENGRAULIS EURYSTOMUS | | 6 | 6 | 7.9 | 6.8- 9.1 | TL | | | | 4.5 | |
| | | CERATOSCOPELUS WAMMINGI | | | | | | | 8 | 8 | 7.9 | 4.7-12.6 | TL |
| | | DIAPHUS SP. | | 1 | 1 | 11.2 | | | 1 | 1 | 5.0 | | SL |
| | | URECHYCEUS SP. | | | | | | | 1 | 1 | 5.0 | | SL |
| | | HEMANTHIA S. VIVANUS | | 1 | 1 | 6.6 | | | 2 | 2 | 3.4 | 3.2- 3.6 | ML |
| | | MICROPOGON UNULATUS | | | | | | | | | | | |
| | | ALXIS SP. | | 1 | 1 | 7.7 | | | 1 | 1 | 3.4 | | SL |
| | | RETHUS DECELLATUS | | 14 | 14 | 7.0 | 4.2- 9.8 | SL | | | | | |
| | | SCOPHTHALMUS AQUOSUS | | 1 | 1 | 3.3 | | | 1 | 1 | 7.7 | | SL |
| | | SYACIUM PAPILLOSUM | | 6 | 6 | 5.5 | 4.8- 7.2 | SL | | | | | |
| | | SYMPHURUS SP. | | 3 | 3 | 12.4 | 6.6-16.8 | SL | | | | | |
| | | ADDITIONAL LARVAE CAUGHT | | OPHICHTHIDAE | | | OPHICHTHIDAE | | | | | | |
| | | | | SYNODONTIDAE | | | SYNODONTIDAE | | | | | | |
| | | | | LOPHIIFORMES | | | LOPHIIFORMES | | | | | | |
| | | | | OPHIIDAE | | | OPHIIDAE | | | | | | |
| | | | | SERRANIDAE | | | SERRANIDAE | | | | | | |
| | | | | CARANGIDAE | | | LABRIDAE OR SCARIDAE | | | | | | |
| | | | | MUGILIDAE | | | GOBIIDAE | | | | | | |
| | | | | GOBIIDAE | | | UNIDENTIFIED | | | | | | |
| | | | | TRIGLIDAE | | | | | | | | | |
| | | | | UNIDENTIFIED | | | | | | | | | |
| | | | | | | | | | | | | | |
| I 5 | 21 09 | | | SAMPLING DEPTH 0-15M | | | SAMPLING DEPTH 18-33M | | | | | | |
| | | ANCHOA HEPSETUS | | 3 | 3 | 13.0 | 11.3-16.2 | TL | | | | | 1.0 |
| | | CERATOSCOPELUS MAHERENSIS | | 1 | 1 | 8.9 | | SL | | | | | 0.3 |
| | | DIAPHUS SP. | | 1 | 1 | 5.0 | | SL | | | | | 0.6 |
| | | HEMANTHIA S. VIVANUS | | | | | | | 1 | 1 | 6.2 | | SL |
| | | RETHUS DECELLATUS | | 7 | 7 | 4.6 | 3.9- 5.8 | SL | | | | | 0.3 |
| | | SYACIUM PAPILLOSUM | | 14 | 14 | 4.9 | 3.5- 8.5 | SL | | | | | 7.4 |
| | | SYMPHURUS SP. | | 1 | 1 | 5.7 | | SL | | | | | 8.2 |
| | | ADDITIONAL LARVAE CAUGHT | | CYCLOTHONE SP. | | | CYCLOTHONE SP. | | | | | | 0.6 |
| | | | | SYNODONTIDAE | | | SYNODONTIDAE | | | | | | |
| | | | | SERRANIDAE | | | PARALEPIDIDAE | | | | | | |
| | | | | APOGONIDAE | | | LOPHIIFORMES | | | | | | |
| | | | | CARANGIDAE | | | SERRANIDAE | | | | | | |
| | | | | LABRIDAE OR SCARIDAE | | | APOGONIDAE | | | | | | |
| | | | | GOBIIDAE | | | MALACANTHUS SP. | | | | | | |
| | | | | SCORPAENIDAE | | | LABRIDAE OR SCARIDAE | | | | | | |
| | | | | TETRAODONTIDAE | | | MUGILIDAE | | | | | | |
| | | | | UNIDENTIFIED | | | GOBIIDAE | | | | | | |
| | | | | | | | SCORPAENIDAE | | | | | | |
| | | | | UNIDENTIFIED | | | UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | |
| M 1 | 28 09 | | | SAMPLING DEPTH 0-6M | | | | | | | | | |
| | | ANCHOA HEPSETUS | | 2 | 2 | 8.3 | 8.2- 8.5 | TL | | | | | 0.2 |
| | | ENGRAULIS EURYSTOMUS | | 4 | 3 | 6.1 | 5.4- 6.5 | TL | | | | | 0.5 |
| | | MICROPOGON UNULATUS | | 10 | 10 | 4.3 | 3.6- 5.1 | SL | | | | | 1.2 |
| | | PEPILUS TRIACANTHUS | | 1 | 1 | 3.3 | | SL | | | | | 0.1 |
| | | PRIONOTUS CARLINUS | | 3 | 3 | 6.0 | 5.0- 6.9 | SL | | | | | 0.4 |
| | | CYCLOPSETTA FIMBRATA | | 2 | 2 | 7.2 | 4.7- 9.6 | SL | | | | | 0.2 |
| | | ETREPOS MICROSTOMUS | | 2 | 2 | 3.9 | 3.6- 4.1 | SL | | | | | 0.2 |
| | | SYMPHURUS SP. | | 3 | 3 | 10.5 | 5.0-13.5 | SL | | | | | 0.4 |
| | | ADDITIONAL LARVAE CAUGHT | | OPHICHTHIDAE | | | | | | | | | |
| | | | | CYCLOTHONE SP. | | | | | | | | | |
| | | | | SYNODONTIDAE | | | | | | | | | |
| | | | | OPHIIDAE | | | | | | | | | |
| | | | | SYNGNATHIDAE | | | | | | | | | |
| | | | | BLENNIIDAE | | | | | | | | | |
| | | | | BALISTIDAE | | | | | | | | | |
| | | | | TETRAODONTIDAE | | | | | | | | | |
| | | | | | | | | | | | | | |
| M 2 | 29 09 | | | SAMPLING DEPTH 0-6M | | | | | | | | | |
| | | ANCHOA HEPSETUS | | 17 | 16 | 7.5 | 4.7-11.7 | TL | | | | | 2.1 |
| | | ENGRAULIS EURYSTOMUS | | 90 | 36 | 6.2 | 3.9- 9.2 | TL | | | | | 10.9 |
| | | BENTHOSEMA SUPRACILIALE | | 1 | 1 | 10.0 | | SL | | | | | 0.1 |
| | | MICROPOGON UNULATUS | | 3 | 3 | 4.8 | 3.6- 7.1 | SL | | | | | 0.4 |
| | | PEPILUS TRIACANTHUS | | 2 | 2 | 3.3 | 3.0- 3.6 | SL | | | | | 0.2 |
| | | PRIONOTUS CARLINUS | | 1 | 1 | 4.0 | | SL | | | | | 0.1 |
| | | RETHUS DECELLATUS | | 1 | 1 | 5.2 | | SL | | | | | 0.1 |
| | | ETREPOS MICROSTOMUS | | 6 | 6 | 4.6 | 4.0- 6.9 | SL | | | | | 0.7 |
| | | SYACIUM PAPILLOSUM | | 2 | 2 | 5.6 | 5.4- 5.7 | SL | | | | | 0.2 |
| | | SYMPHURUS SP. | | 4 | 4 | 4.7 | 3.7- 7.2 | SL | | | | | 0.5 |
| | | ADDITIONAL LARVAE CAUGHT | | OPHICHTHIDAE | | | | | | | | | |
| | | | | BALISTIDAE | | | | | | | | | |
| | | | | UNIDENTIFIED | | | | | | | | | |

| CRUISE DATE | STATION | DATE | SPECIES ANALYZED | NUMBER | LENGTHS (MM) | NO. | NUMBER | LENGTHS (MM) | NO. | NO. PER 10M |
|-------------|---------|------|----------------------------------|----------------|--------------|-------|-----------|--------------|------|-------------|
| STA. | D.M. | | | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | EGGS | EGGS |
| N 3 | 29.09 | | | SAMPLING DEPTH | C-15M | | | | | |
| | | | OPHICHTHUS GOMESI | 2 | 2 | 44.1 | 43.0-45.2 | TL | | 0.6 |
| | | | ANCHIA HERPSETUS | 266 | 49 | 9.2 | 4.3-17.8 | TL | | 10.6 |
| | | | ENGRAULIS EURYSTOME | 64 | 34 | 7.7 | 4.4-14.0 | TL | | 19.4 |
| | | | CEPHALOSCOPELUS MADAGASCARIENSIS | 1 | 1 | 4.7 | | SL | | 0.3 |
| | | | DIAPHUS SP. | 3 | 3 | 4.8 | 4.3-5.3 | SL | | 0.9 |
| | | | HEMANTHUS VIVIANUS | 2 | 2 | 4.2 | 3.9-4.6 | SL | | 0.6 |
| | | | LARMIUS FASCICULATUS | 6 | 6 | 3.6 | 2.7-5.4 | SL | | 1.8 |
| | | | MICROPYGON UNDULATUS | 165 | 162 | 3.6 | 2.7-4.6 | SL | | 50.0 |
| | | | ALXIS SP. | 1 | 1 | 11.3 | | SL | | 0.3 |
| | | | SCOPAEOMERUS CAVALLA | 3 | 3 | 11.0 | 8.9-12.5 | SL | | 0.9 |
| | | | PRIONOTUS CARLINUS | 1 | 1 | 3.6 | | SL | | 0.3 |
| | | | RETHUS OCELLATUS | 5 | 5 | 5.1 | 4.2-6.7 | SL | | 1.5 |
| | | | CYCLOPSETTA FIMBRIATA | 2 | 2 | 5.7 | 5.5-5.8 | SL | | 0.6 |
| | | | ETHEPUS MICROSTOMUS | 50 | 25 | 5.8 | 4.1-8.9 | SL | | 15.2 |
| | | | SYACIUM PAPILLOSUM | 33 | 32 | 5.3 | 3.3-11.2 | SL | | 10.0 |
| | | | SYMPHURUS SP. | 12 | 10 | 8.5 | 5.9-12.1 | SL | | 3.6 |
| | | | ADDITIONAL LARVAE CAUGHT | | | | | | | |
| | | | SYNDONTIDAE | | | | | | | |
| | | | OPHIDIIDAE | | | | | | | |
| | | | SERRANIDAE | | | | | | | |
| | | | CARANGIIDAE | | | | | | | |
| | | | SCIAENIDAE | | | | | | | |
| | | | SPHYRAENIDAE | | | | | | | |
| | | | URANOSCOPIDAE | | | | | | | |
| | | | BLENNIIDAE | | | | | | | |
| | | | CALLIONYMIDAE | | | | | | | |
| | | | Gobiidae | | | | | | | |
| | | | TRIGLIDAE | | | | | | | |
| | | | EALIIDAE | | | | | | | |
| | | | UNIDENTIFIED | | | | | | | |
| | | | | | | | | | | |
| N 4 | 29.09 | | | SAMPLING DEPTH | D-15M | | | | | |
| | | | ANCHIA HERPSETUS | 236 | 40 | 7.5 | 4.7-16.0 | TL | | 11.5 |
| | | | ENGRAULIS EURYSTOME | 8 | 8 | 9.7 | 3.9-16.5 | TL | | 2.4 |
| | | | CEPHALOSCOPELUS MADAGASCARIENSIS | 1 | 1 | 9.4 | | SL | | 0.3 |
| | | | DIAPHUS SP. | 1 | 1 | 6.3 | | SL | | 0.3 |
| | | | EMBRANOTUS ALATUS OR PRIONOTUS | 1 | 1 | 7.6 | | SL | | 0.3 |
| | | | MICROPYGON UNDULATUS | 29 | 25 | 3.5 | 2.5-4.4 | SL | | 8.8 |
| | | | ALXIS SP. | 2 | 2 | 5.3 | 4.2-6.5 | SL | | 0.6 |
| | | | EUTHYNUS ALLETERATUS | 1 | 1 | 6.4 | | SL | | 0.3 |
| | | | SCOPAEOMERUS CAVALLA | 9 | 9 | 6.6 | 5.1-11.4 | SL | | 2.7 |
| | | | PRIONOTUS CARLINUS | 4 | 4 | 5.4 | 4.8-5.8 | SL | | 1.2 |
| | | | RETHUS OCELLATUS | 6 | 6 | 4.6 | 2.7-7.7 | SL | | 1.8 |
| | | | CYCLOPSETTA FIMBRIATA | 2 | 2 | 7.7 | 6.6-8.7 | SL | | 0.6 |
| | | | SYACIUM PAPILLOSUM | 34 | 33 | 5.2 | 2.6-11.7 | SL | | 10.3 |
| | | | SYMPHURUS SP. | 1 | 1 | 4.2 | | SL | | 0.3 |
| | | | ADDITIONAL LARVAE CAUGHT | | | | | | | |
| | | | MURAEINIDAE | | | | | | | |
| | | | OPHICHTHIDAE | | | | | | | |
| | | | SERRANOMERIDAE | | | | | | | |
| | | | CYCLOTHICNE SP. | | | | | | | |
| | | | SYNDONTIDAE | | | | | | | |
| | | | LOPHIICHTHES | | | | | | | |
| | | | BREGMACEROTIDAE | | | | | | | |
| | | | OPHIDIIDAE | | | | | | | |
| | | | SERRANIDAE | | | | | | | |
| | | | CARANGIIDAE | | | | | | | |
| | | | LARPIDAE OR SCARIDAE | | | | | | | |
| | | | SPHYRAENIDAE | | | | | | | |
| | | | URANOSCOPIDAE | | | | | | | |
| | | | BLENNIIDAE | | | | | | | |
| | | | CALLIONYMIDAE | | | | | | | |
| | | | Gobiidae | | | | | | | |
| | | | TRIGLIDAE | | | | | | | |
| | | | UNIDENTIFIED | | | | | | | |

TABLE 3. (continued)

| CRUISE DATE | | ***** LARVAE ***** | | | | ***** LARVAE ***** | | | | 2 | |
|-------------------------------|-------|----------------------|--------------|-------|--------------|-----------------------|--------------|-------|--------------|---------|--|
| 06612 1966 | | NUMBER | LENGTHS (MM) | | NO. | NUMBER | LENGTHS (MM) | | NO. | PER 10M | |
| STA. | 0 M | TOTAL MEAS. | MEAN | RANGE | EGGS | TOTAL MEAS. | MEAN | RANGE | EGGS | LARVAE | |
| SPECIES ANALYZED | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | EGGS | |
| M 5 | 29 09 | | | | | | | | | | |
| MYRICHTHYS SP. | | | | | | 1 | 1 | 51.0 | | 0.3 | |
| OPHICHTHUS GOMESI | | 1 | 1 | 65.0 | TL | | | | | 0.3 | |
| SARCIINELLA ANCHOVIA | | 2 | 2 | 11.0 | 10.7-11.4 TL | 4 | 4 | 13.5 | 10.7-16.4 TL | 1.9 | |
| ANCHOA HEPSETUS | | 4 | 4 | 11.3 | 6.9-15.5 TL | 523 | 86 | 7.5 | 3.0-16.4 TL | 175.5 | |
| ENGRAJUS EURYSTOIE | | 57 | 30 | 6.8 | 3.1- 9.2 TL | | | | | 19.0 | |
| CERATOSCOPELUS MADRERENSIS | | 2 | 2 | 6.3 | 6.2- 6.4 SL | 3 | 3 | 5.7 | 5.5- 5.8 SL | 1.6 | |
| CERATOSCOPELUS WARMINGI | | | | | | 1 | 1 | 4.5 | | 0.3 | |
| DIAPHUS SP. | | | | | | 1 | 1 | 7.0 | | 0.3 | |
| LAMFANYCTUS NOBILIS | | | | | | 2 | 2 | 11.1 | 5.4-12.8 SL | 0.7 | |
| HEMANTHUS VIVANUS | | | | | | 6 | 5 | 4.4 | 3.0- 4.8 SL | 2.0 | |
| LARIMUS FASCICATUS | | | | | | 1 | 1 | 3.3 | | 0.3 | |
| MICROPYGON UNOULATUS | | 5 | 5 | 3.3 | 2.8- 3.7 SL | 6 | 6 | 3.6 | 3.4- 4.0 SL | 3.5 | |
| ALYIS SP. | | 1 | 1 | 5.5 | | 2 | 2 | 6.9 | 4.1- 9.7 SL | 1.0 | |
| ELTHYNNUS ALLETTERATUS | | | | | | 1 | 1 | 5.7 | | 0.3 | |
| SCOPREOMORUS CAVALLA | | | | | | 16 | 16 | 7.0 | 4.4-10.8 SL | 5.3 | |
| THUNNUS ALBACARES OF ALALUNGA | | 1 | 1 | 5.6 | | | | | | 0.3 | |
| PRIONOTUS CAROLINUS | | 2 | 2 | 6.2 | 4.8- 7.7 SL | 3 | 3 | 4.4 | 3.5- 4.8 SL | 1.6 | |
| BETHEUS OCELLATUS | | 10 | 10 | 9.0 | 3.2-14.6 SL | 36 | 25 | 5.3 | 2.7- 8.1 SL | 15.0 | |
| CYCLOPSETTA FIMBRIATA | | 1 | 1 | 3.7 | | 6 | 5 | 4.9 | 3.2- 7.2 SL | 2.3 | |
| ETROPLUS MICROSTOMUS | | | | | | 2 | 2 | 3.2 | 2.7- 3.6 SL | 0.7 | |
| SYACIUM PAPILLOSUM | | 11 | 11 | 4.5 | 2.7- 7.2 SL | 58 | 25 | 5.0 | 3.0- 8.9 SL | 26.0 | |
| SYMPHURUS SP. | | | | | | 6 | 6 | 8.7 | 5.0-11.5 SL | 2.0 | |
| ADDITIONAL LARVAE CAUGHT | | SYNDONTIDAE | | | | MURAENIDAE | | | | | |
| | | OPHIIDIDAE | | | | NETTASTOMATIDAE | | | | | |
| | | ATHERINIDAE | | | | CYCLITRONE SP. | | | | | |
| | | SERRANIDAE | | | | SYNDONTIDAE | | | | | |
| | | CARANGIDAE | | | | PARALEPIDIDAE | | | | | |
| | | GOBIIDAE | | | | LOPHIIFORMES | | | | | |
| | | TRIGLIDAE | | | | OPHIIDIDAE | | | | | |
| | | UNIDENTIFIED | | | | SERRANIDAE | | | | | |
| | | | | | | APOGONIDAE | | | | | |
| | | | | | | CARANGIDAE | | | | | |
| | | | | | | LABRIDAE OR SCARIDAE | | | | | |
| | | | | | | SPHYRAENIDAE | | | | | |
| | | | | | | URANOSCOPIDAE | | | | | |
| | | | | | | BLENNIIDAE | | | | | |
| | | | | | | CALLIONYMIDAE | | | | | |
| | | | | | | GOBIIDAE | | | | | |
| | | | | | | TRICHIURIDAE | | | | | |
| | | | | | | SCORPAENIDAE | | | | | |
| | | | | | | TRIGLIDAE | | | | | |
| | | | | | | BALISTIDAE | | | | | |
| | | | | | | TETRAODONTIDAE | | | | | |
| | | | | | | UNIDENTIFIED | | | | | |
| | | | | | | | | | | | |
| N 1 | 29 09 | SAMPLING DEPTH 0-6M | | | | | | | | | |
| OPHICHTHUS GOMESI | | 1 | 1 | 79.7 | TL | | | | | 0.1 | |
| ANCHOA HEPSETUS | | 84 | 46 | 8.3 | 4.4-20.1 TL | | | | | 10.2 | |
| LARIMUS FASCICATUS | | 2 | 2 | 5.8 | 5.7- 6.0 SL | | | | | 0.2 | |
| MICROPYGON UNOULATUS | | 17 | 17 | 3.3 | 2.5- 4.0 SL | | | | | 2.1 | |
| PRIONOTUS CAROLINUS | | 5 | 5 | 7.0 | 5.8- 7.8 SL | | | | | 0.6 | |
| SYACIUM PAPILLOSUM | | 1 | 1 | 11.7 | | | | | | 0.1 | |
| ADDITIONAL LARVAE CAUGHT | | OPHIIDIDAE | | | | | | | | | |
| | | URANOSCOPIDAE | | | | | | | | | |
| | | TRIGLIDAE | | | | | | | | | |
| | | | | | | | | | | | |
| N 2 | 29 09 | SAMPLING DEPTH 0-15M | | | | | | | | | |
| ANCHOA HEPSETUS | | 17 | 17 | 8.1 | 5.1-13.7 TL | | | | | 5.2 | |
| LAMFANYCTUS ATER | | 1 | 1 | 9.2 | | | | | | 0.3 | |
| MICROPYGON UNOULATUS | | 2 | 2 | 4.2 | 4.2- 4.3 SL | | | | | 0.6 | |
| ELTHYNNUS ALLETTERATUS | | 3 | 3 | 6.0 | 4.3- 8.1 SL | | | | | 0.9 | |
| SCOPREOMORUS CAVALLA | | 1 | 1 | 7.2 | | | | | | 0.3 | |
| BETHEUS OCELLATUS | | 1 | 1 | 6.8 | | | | | | 0.3 | |
| SYACIUM PAPILLOSUM | | 3 | 3 | 5.5 | 4.7- 6.2 SL | | | | | 0.9 | |
| SYMPHURUS SP. | | 1 | 1 | 5.4 | | | | | | 0.3 | |
| ADDITIONAL LARVAE CAUGHT | | MURAENIDAE | | | | | | | | | |
| | | SYNDONTIDAE | | | | | | | | | |
| | | PARALEPIDIDAE | | | | | | | | | |
| | | LOPHIIFORMES | | | | | | | | | |
| | | OPHIIDIDAE | | | | | | | | | |
| | | SERRANIDAE | | | | | | | | | |
| | | CARANGIDAE | | | | | | | | | |
| | | URANOSCOPIDAE | | | | | | | | | |
| | | CALLIONYMIDAE | | | | | | | | | |
| | | GOBIIDAE | | | | | | | | | |
| | | TRICHIURIDAE | | | | | | | | | |
| | | TRIGLIDAE | | | | | | | | | |
| | | BALISTIDAE | | | | | | | | | |
| | | TETRAODONTIDAE | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | |

TABLE 3. (continued)

| CRUISE DATE DEPT STA. NO. SPECIES ANALYZED | ***** LARVAE ***** | | | | | NO. EGGS | ***** LARVAE ***** | | | | | NO. EGGS | NO. PER 100 LARVAE | 2 EGGS |
|--|----------------------|--------------|-------------|----------|-------|-------------|-----------------------|--------------|-------------|----------|-------|-------------|-----------------------|-----------|
| | NUMBER | LENGTHS (MM) | TOTAL MEAS. | MEAN | RANGE | | NUMBER | LENGTHS (MM) | TOTAL MEAS. | MEAN | RANGE | | | |
| NO. 22 09 | SAMPLING DEPTH 0-15M | | | | | | SAMPLING DEPTH 0-15M | | | | | | | |
| APTRICHTUS KENDALLI | 1 | 1 | 55.5 | | | TL | | | | | | | 0.3 | |
| MYRICHTHYS SP. | 1 | 1 | 55.5 | | | TL | | | | | | | 0.3 | |
| OPHICHTHYS GOMESI | 1 | 1 | 65.3 | | | TL | | | | | | | 0.3 | |
| ANCHOA HEPSETUS | 112 | 3 | 8.9 | 4.0-17.8 | | TL | | | | | | | 33.9 | |
| DIAPHRYS FASCICATUS | 3 | 3 | 3.5 | 3.2- 3.7 | | SL | | | | | | | 0.9 | |
| MICROPOGON UNULATUS | 21 | 21 | 4.0 | 3.2- 4.6 | | SL | | | | | | | 6.4 | |
| SCORPAENIUS CAVALIA | 1 | 1 | 5.0 | | | SL | | | | | | | 0.3 | |
| PRIONOTUS CARLINUS | 3 | 3 | 4.5 | 4.3- 4.7 | | SL | | | | | | | 0.9 | |
| PECTHIS OCELLATUS | 2 | 2 | 5.1 | 5.0- 5.1 | | SL | | | | | | | 0.6 | |
| CYCLOPSETTA FIMBRIATA | 1 | 1 | 4.5 | | | SL | | | | | | | 0.3 | |
| SYACIUM PAPILLOSUM | 12 | 12 | 4.9 | 2.2-13.2 | | SL | | | | | | | 3.6 | |
| ADDITIONAL LARVAE CAUGHT | ANGUILLIFORMES | | | | | | | | | | | | | |
| | SYNGNATHICAE | | | | | | | | | | | | | |
| | LOPHIIFORMES | | | | | | | | | | | | | |
| | OPHIOTRIDAE | | | | | | | | | | | | | |
| | CARANGICAE | | | | | | | | | | | | | |
| | SERRANICAE | | | | | | | | | | | | | |
| | CARANGICAE | | | | | | | | | | | | | |
| | LABRIDAE OR SCARICAE | | | | | | | | | | | | | |
| | PLENNICAE | | | | | | | | | | | | | |
| | CALLIONYMIDAE | | | | | | | | | | | | | |
| | GOBIIDAE | | | | | | | | | | | | | |
| | TRICHIURICAE | | | | | | | | | | | | | |
| | TRIGLICAE | | | | | | | | | | | | | |
| | BALISTICAE | | | | | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | | | |
| NO. 22 09 | SAMPLING DEPTH 0-15M | | | | | | SAMPLING DEPTH 18-33M | | | | | | | |
| ANCHOA HEPSETUS | 4 | 4 | 10.9 | 8.5-12.5 | | TL | 21 | 18 | 8.9 | 4.5-16.5 | | TL | 8.2 | |
| MYCTOPHIDAE | | | | | | | 2 | 2 | 4.3 | 3.7- 5.0 | | SL | 0.7 | |
| RENTHOSEMA SUBOBLIQUE | | | | | | | 1 | 1 | 5.6 | | | SL | 0.3 | |
| DIAPHRYS SP. | | | | | | | 5 | 5 | 5.5 | 4.1- 8.5 | | SL | 1.7 | |
| HYGROPHUM REINHARDTI | | | | | | | 1 | 1 | 6.3 | | | SL | 0.3 | |
| HEMANTHIA S. V. VANUS | | | | | | | 1 | 1 | 4.1 | | | SL | 0.3 | |
| MICROPOGON UNULATUS | | | | | | | 3 | 3 | 4.1 | 3.7- 4.3 | | SL | 1.0 | |
| SCORPAENIUS CAVALIA | 3 | 3 | 8.3 | 7.9- 8.5 | | SL | | | | | | | 1.0 | |
| PRIONOTUS CARLINUS | | | | | | | 4 | 4 | 4.5 | 4.4- 4.6 | | SL | 1.3 | |
| PECTHIS OCELLATUS | 12 | 11 | 5.1 | 3.9- 6.8 | | SL | 12 | 10 | 5.0 | 2.6- 8.3 | | SL | 7.6 | |
| CYCLOPSETTA FIMBRIATA | | | | | | | 2 | 1 | 7.2 | | | SL | 0.7 | |
| SYACIUM PAPILLOSUM | 8 | 7 | 7.2 | 5.2-11.7 | | SL | 30 | 20 | 5.4 | 2.7-10.3 | | SL | 12.4 | |
| SYMPHURUS SP. | 4 | 4 | 8.6 | 7.2-10.8 | | SL | 8 | 7 | 8.6 | 6.3-11.4 | | SL | 3.9 | |
| ADDITIONAL LARVAE CAUGHT | MURAENICAE | | | | | | OPHICHTHICAE | | | | | | | |
| | SYNGNATHICAE | | | | | | SYNGNATHICAE | | | | | | | |
| | LOPHIIFORMES | | | | | | PARALEPTOTIDAE | | | | | | | |
| | SERRANICAE | | | | | | LOPHIIFORMES | | | | | | | |
| | APOGONICAE | | | | | | OPHIOTRIDAE | | | | | | | |
| | CARANGICAE | | | | | | CARANGICAE | | | | | | | |
| | SPARIDAE | | | | | | SERRANIDAE | | | | | | | |
| | FOMACENTRICAE | | | | | | CARANGIDAE | | | | | | | |
| | LABRIDAE OR SCARIDAE | | | | | | LABRIDAE OR SCARICAE | | | | | | | |
| | GOBIIDAE | | | | | | CALLIONYMIDAE | | | | | | | |
| | BALISTICAE | | | | | | GOBIICAE | | | | | | | |
| | TETRAODONTIDAE | | | | | | SCORPAENICAE | | | | | | | |
| | | | | | | | TRIGLICAE | | | | | | | |
| | | | | | | | BALISTIDAE | | | | | | | |
| | | | | | | | TETRAODONTICAE | | | | | | | |
| | | | | | | | UNIDENTIFIED | | | | | | | |

[illegible]

TABLE 3. (continued)

| COLLECT DATE 0612 1966 STA. 04 F 4 20 10 | SPECIES ANALYZED | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | NO. | ***** LARVAE ***** | 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TABLE 3. (continued)

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| CRUISE DATE | | ***** LARVAE ***** | | | | ***** LARVAE ***** | | | | 2 | |
|---------------------------|--|-----------------------------------|----|------|--------------|-----------------------------------|----|------|--------------|-------------|------|
| D6614 1566 | | NUMBER LENGTHS (MM) NO. | | | | NUMBER LENGTHS (MM) NO. | | | | NO. PER LOW | |
| STA. D M SPECIES ANALYZED | | TOTAL MEAS. MEAN RANGE MEAS. EGGS | | | | TOTAL MEAS. MEAN RANGE MEAS. EGGS | | | | LARVAE | |
| A 1 C4 12 | | SAMPLING DEPTH 0-3M | | | | | | | | | |
| CLUPEA HARENGUS HARENGUS | | 27 | 23 | 20.8 | 10.4-25.0 TL | | | | | 1.6 | |
| GADUS MORHUA | | 2 | 2 | 4.9 | 4.6- 5.2 SL | 1 | | | | 0.1 | 0.1 |
| MERLUCCIIUS BILINEARIS | | 2 | 1 | 6.5 | NL | 0 | | | | 0.1 | 0.0 |
| AMMODYTES SP. | | 11 | 11 | 5.7 | 5.1- 6.2 TL | | | | | 0.7 | |
| PARALICHTHYS DENTATUS | | 3 | 3 | 7.9 | 5.0-11.5 SL | 0 | | | | 0.2 | 0.0 |
| A 2 C4 12 | | SAMPLING DEPTH 0-15M | | | | | | | | | |
| CLUPEA HARENGUS HARENGUS | | 5 | 5 | 14.3 | 8.1-22.5 TL | | | | | 1.5 | |
| GADUS MORHUA | | 2 | 2 | 4.0 | 3.5- 4.4 SL | 0 | | | | 0.6 | 0.0 |
| MERLUCCIIUS BILINEARIS | | 2 | 2 | 5.6 | 5.4- 5.8 NL | 0 | | | | 0.6 | 0.0 |
| ADDITIONAL LARVAE CAUGHT | | SYNGNATHIDAE | | | | | | | | | |
| | | SPARIDAE | | | | | | | | | |
| A 3 C4 12 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-24M | | | | | |
| CLUPEA HARENGUS HARENGUS | | 5 | 5 | 21.4 | 18.8-24.4 TL | 5 | 5 | 21.2 | 17.4-24.7 TL | 3.0 | |
| ENCHELADUS CIMPRIUS | | | | | | 0 | 3 | 4.3 | 3.8- 4.6 SL | 0.5 | 0.0 |
| GADUS MORHUA | | 8 | 8 | 4.1 | 3.7- 4.4 SL | 73 | 6 | 4.3 | 3.7- 5.4 SL | 3.4 | 36.2 |
| MERLUCCIIUS BILINEARIS | | 2 | 2 | 5.9 | 5.9- 6.0 NL | 0 | 1 | 3.1 | NL | 0.8 | 0.0 |
| PARALICHTHYS DENTATUS | | 1 | 1 | 7.0 | SL | 0 | | | | 0.3 | 0.0 |
| ADDITIONAL LARVAE CAUGHT | | SPARIDAE | | | | | | | | | |
| A 4 C4 12 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-24M | | | | | |
| CLUPEA HARENGUS HARENGUS | | 17 | 17 | 17.6 | 13.7-24.4 TL | 19 | 19 | 17.5 | 14.4-22.5 TL | 8.3 | |
| ENCHELADUS CIMPRIUS | | 1 | 1 | 3.9 | SL | 0 | 7 | 3.8 | 3.2- 4.7 SL | 1.5 | 0.0 |
| GADUS MORHUA | | | | | | 0 | 2 | 4.6 | 2.9- 6.2 SL | 0.3 | 0.0 |
| UROPHYCIS SP. | | | | | | | 1 | 4.4 | NL | 0.2 | 0.0 |
| MERLUCCIIUS BILINEARIS | | 5 | 5 | 5.4 | 4.9- 5.7 NL | 0 | 6 | 5.0 | 4.2- 6.4 NL | 2.5 | 0.0 |
| PARALICHTHYS DENTATUS | | 6 | 6 | 5.3 | 4.1- 8.6 SL | 0 | 15 | 4.5 | 3.3- 6.8 SL | 4.3 | 0.0 |
| ADDITIONAL LARVAE CAUGHT | | | | | | UNIDENTIFIED | | | | | |
| A 5 C4 12 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| CLUPEA HARENGUS HARENGUS | | 23 | 23 | 16.4 | 10.6-21.5 TL | 28 | 28 | 16.2 | 11.2-15.6 TL | 16.2 | |
| ENCHELADUS CIMPRIUS | | 1 | 1 | 4.6 | SL | 0 | 2 | 3.9 | 3.9- 3.9 SL | 1.0 | 0.0 |
| GADUS MORHUA | | 1 | 1 | 7.6 | SL | 0 | 2 | 5.1 | 4.2- 5.9 SL | 1.0 | 0.0 |
| UROPHYCIS SP. | | 2 | 2 | 8.4 | 8.1- 8.7 NL | | | | | 0.7 | |
| MERLUCCIIUS BILINEARIS | | | | | | 0 | 3 | 4.9 | 4.1- 5.5 NL | 1.0 | 0.0 |
| PARALICHTHYS DENTATUS | | | | | | 0 | 1 | 5.5 | SL | 0.3 | 0.0 |
| A 6 C4 12 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| CLUPEA HARENGUS HARENGUS | | 30 | 30 | 16.0 | 11.9-19.9 TL | 41 | 41 | 16.3 | 11.9-22.5 TL | 22.7 | |
| ENCHELADUS CIMPRIUS | | 1 | 1 | 6.1 | SL | 0 | | | | 0.3 | 0.0 |
| GADUS MORHUA | | 7 | 7 | 4.0 | 3.4- 5.3 SL | 1 | 6 | 3.7 | 3.2- 4.1 SL | 4.1 | 1.0 |
| POLLACHIUS VIRENS | | 4 | 4 | 6.0 | 5.1- 6.6 SL | 0 | 2 | 5.5 | 3.9- 7.0 SL | 1.9 | 0.0 |
| MERLUCCIIUS BILINEARIS | | 3 | 3 | 6.3 | 6.0- 6.6 NL | 0 | 2 | 3.6 | 2.8- 4.4 NL | 1.6 | 0.0 |
| A 7 C4 12 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-33M | | | | | |
| CLUPEA HARENGUS HARENGUS | | | | | | 3 | 3 | 18.3 | 17.5-18.8 TL | 1.0 | |
| POLLACHIUS VIRENS | | 1 | 1 | 9.1 | SL | 0 | | | | 0.3 | 0.0 |
| P 1 C3 12 | | SAMPLING DEPTH 0-6M | | | | | | | | | |
| CLUPEA HARENGUS HARENGUS | | 6 | 6 | 15.8 | 8.4-22.5 TL | | | | | 0.7 | |
| ENCHELADUS CIMPRIUS | | 2 | 2 | 2.9 | 1.9- 3.8 SL | 0 | | | | 0.2 | 0.0 |
| GADUS MORHUA | | 3 | 3 | 3.4 | 3.2- 3.7 SL | 16 | | | | 0.4 | 1.5 |
| MERLUCCIIUS BILINEARIS | | 1 | 1 | 6.1 | NL | 0 | | | | 0.1 | 0.0 |
| AMMODYTES SP. | | 41 | 41 | 5.2 | 4.4- 6.9 TL | | | | | 5.0 | |
| PERIFILUS TRIACANTHUS | | 1 | 1 | 70.1 | SL | | | | | 0.1 | |
| PARALICHTHYS DENTATUS | | 2 | 2 | 10.3 | 7.9-12.8 SL | 0 | | | | 0.2 | 0.0 |
| SCOPHTHALMUS AQUOSUS | | 3 | 3 | 6.0 | 4.9- 7.7 SL | | | | | 0.4 | |
| P 2 C3 12 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 18-24M | | | | | |
| CLUPEA HARENGUS HARENGUS | | 6 | 6 | 17.3 | 12.0-23.0 TL | 5 | 9 | 18.1 | 11.4-24.4 TL | 3.3 | |
| ENCHELADUS CIMPRIUS | | 1 | 1 | 5.6 | SL | 0 | 1 | 4.9 | SL | 0.5 | 0.0 |
| GADUS MORHUA | | 8 | 7 | 4.2 | 3.4- 5.3 SL | 51 | 3 | 4.1 | 3.9- 4.6 SL | 2.9 | 25.1 |
| POLLACHIUS VIRENS | | 1 | 1 | 3.4 | SL | 0 | 1 | 4.2 | SL | 0.5 | 0.0 |
| MERLUCCIIUS BILINEARIS | | 1 | 1 | 3.6 | NL | 0 | 2 | 5.6 | 3.0- 8.2 NL | 0.6 | 0.0 |
| ETROPUS MICROSTOMUS | | 1 | 1 | 5.0 | SL | | | | | 0.3 | |
| PARALICHTHYS DENTATUS | | | | | | 0 | 1 | 5.5 | SL | 0.2 | 0.0 |
| SCOPHTHALMUS AQUOSUS | | 6 | 6 | 4.2 | 3.7- 5.2 SL | | 1 | 3.9 | SL | 2.0 | |

TABLE 3. (continued)

| CRUISE DATE STA. NO. SPECIES ANALYZED | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|--|----------------------|------|--------------|-----------|----------|-----------------------|------|--------------|-----------|-----------|--------------------|----------|
| | NUMBER | MEAN | LENGTHS (MM) | MEAS. | NO. EGGS | NUMBER | MEAN | LENGTHS (MM) | MEAS. | NO. EGGS | NO. PER 10M LARVAE | 10M EGGS |
| R 3 (3 12) | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | | |
| CLUPEA HARENGUS HARENGUS | 3 | 3 | 23.7 | 21.8-25.0 | TL | 5 | 5 | 21.0 | 18.8-23.9 | TL | 2.6 | |
| ENCYLIOPUS CIMBRIUS | 2 | 2 | 5.5 | 5.4-5.6 | SL | 0 | | | | | 0.7 | 0.0 |
| GADUS MORHUA | 10 | 9 | 4.4 | 3.9-5.7 | SL | 59 | 9 | 4.4 | 3.8-5.3 | SL | 6.0 | 32.7 |
| POLLACHIUS VIRENS | 1 | 1 | 3.4 | | SL | 0 | 1 | 3.5 | | SL | 0.6 | 0.0 |
| UROPHYCIS SP. | 1 | 1 | 3.7 | | NL | 0 | 2 | 7.0 | 2.7-11.3 | NL | 1.0 | |
| MERLUCCIIUS BILINEARIS | 19 | 18 | 5.5 | 3.2-7.2 | NL | 0 | 25 | 5.9 | 4.2-7.6 | NL | 14.0 | 0.0 |
| AMMOCYTES SP. | 1 | 1 | 5.1 | | TL | | | | | | 0.3 | |
| ETROPIUS MICROSTOMUS | | | | | | 1 | 1 | 6.7 | | SL | 0.3 | |
| PARALICHTHYS TENTATUS | 12 | 12 | 7.1 | 4.0-11.3 | SL | 0 | 21 | 6.2 | 3.6-10.1 | SL | 10.6 | 0.0 |
| SCOPHTHALMUS AQUOSUS | 9 | 9 | 4.9 | 3.3-7.1 | SL | | 14 | 4.5 | 2.9-6.9 | SL | 7.4 | |
| | | | | | | | | | | | | |
| R 4 (3 12) | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | | |
| CLUPEA HARENGUS HARENGUS | 15 | 15 | 18.7 | 15.0-22.5 | TL | | 27 | 25 | 18.7 | 13.7-23.1 | TL | 13.5 |
| ENCYLIOPUS CIMBRIUS | 4 | 4 | 3.5 | 2.7-4.6 | SL | 0 | 3 | 3 | 3.8 | 2.8-5.1 | SL | 2.2 |
| GADUS MORHUA | | | | | | 0 | | | | | 0.0 | 0.0 |
| POLLACHIUS VIRENS | 3 | 3 | 3.3 | 3.3-3.4 | SL | 0 | 2 | 2 | 4.1 | 3.5-4.6 | SL | 1.6 |
| UROPHYCIS SP. | | | | | | | 1 | 1 | 5.5 | | NL | 0.3 |
| MERLUCCIIUS BILINEARIS | 4 | 4 | 4.1 | 2.9-6.5 | NL | 0 | 5 | 5 | 8.7 | 4.5-23.2 | NL | 2.9 |
| PARALICHTHYS TENTATUS | 5 | 5 | 6.3 | 5.1-7.5 | SL | 0 | 2 | 2 | 5.1 | 4.9-5.4 | SL | 2.2 |
| | | | | | | | | | | | | |
| R 5 (4 12) | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| CLUPEA HARENGUS HARENGUS | 68 | 37 | 15.5 | 11.0-20.0 | TL | | 109 | 48 | 14.9 | 12.0-20.0 | TL | 56.7 |
| ENCYLIOPUS CIMBRIUS | 1 | 1 | 4.2 | | SL | 0 | | | | | 0.3 | 0.0 |
| POLLACHIUS VIRENS | 1 | 1 | 3.9 | | SL | 0 | 1 | 1 | 3.7 | | 0.6 | 0.0 |
| MERLUCCIIUS BILINEARIS | 2 | 2 | 8.8 | 5.7-11.9 | NL | 0 | | | | | 0.7 | 0.0 |
| PARALICHTHYS TENTATUS | 1 | 1 | 5.5 | | SL | 0 | 1 | 1 | 6.3 | | 0.6 | 0.0 |
| | | | | | | | | | | | | |
| R 6 (4 12) | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| GALLIICHELYS PERRYAE | | | | | | 1 | 1 | 67.5 | | NL | 0.3 | |
| MYRAPHIS PUNCTATUS | | | | | | 1 | 1 | 67.5 | | TL | 0.3 | |
| CLUPEA HARENGUS HARENGUS | 29 | 28 | 15.5 | 13.0-19.0 | TL | | 35 | 34 | 15.6 | 13.0-20.0 | TL | 20.4 |
| MERLUCCIIUS BILINEARIS | 1 | 1 | 8.5 | | NL | 0 | 1 | 1 | 6.5 | | 0.6 | 0.0 |
| ADDITIONAL LARVAE CAUGHT COBILIDAE | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| R 7 (4 12) | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| CLUPEA HARENGUS HARENGUS | 8 | 8 | 15.7 | 14.0-18.0 | TL | | 18 | 17 | 16.1 | 12.0-20.0 | TL | 8.4 |
| ENCYLIOPUS CIMBRIUS | | | | | | 1 | | | | | 0.0 | 0.0 |
| GADUS MORHUA | | | | | | 0 | 3 | 3 | 7.2 | 5.8-8.1 | SL | 1.0 |
| POLLACHIUS VIRENS | 2 | 2 | 6.4 | 4.6-8.2 | SL | 0 | 5 | 4 | 4.7 | 4.1-5.1 | SL | 2.3 |
| | | | | | | | | | | | | |
| C 1 (3 12) | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| CLUPEA HARENGUS HARENGUS | 2 | 2 | 7.0 | 1.5-12.5 | TL | | | | | | 0.2 | |
| GADUS MORHUA | 1 | 1 | 3.5 | | SL | 3 | | | | | 0.1 | 0.4 |
| UROPHYCIS SP. | 2 | 2 | 5.5 | 5.5-5.6 | NL | | | | | | 0.2 | |
| PARALICHTHYS TENTATUS | 1 | 1 | 4.4 | | SL | 0 | | | | | 0.1 | 0.0 |
| SCOPHTHALMUS AQUOSUS | 4 | 4 | 5.2 | 4.4-5.8 | SL | | | | | | 0.5 | |
| | | | | | | | | | | | | |
| C 2 (3 12) | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| BREXIDOTIA TYRANNUS | 1 | 1 | 22.0 | | TL | | | | | | 0.1 | |
| GADUS MORHUA | 19 | 18 | 3.3 | 2.8-3.7 | SL | 248 | | | | | 2.3 | 30.1 |
| UROPHYCIS SP. | 2 | 2 | 6.3 | 6.0-6.7 | NL | | | | | | 0.2 | |
| PRIONOTUS CARLINUS | 1 | 1 | 6.0 | | SL | | | | | | 0.1 | |
| PARALICHTHYS TENTATUS | 4 | 4 | 4.5 | 3.8-6.0 | SL | 0 | | | | | 0.5 | 0.0 |
| SCOPHTHALMUS AQUOSUS | 2 | 2 | 5.7 | 5.6-5.7 | SL | | | | | | 0.2 | |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| C 3 (3 12) | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-24M | | | | | | |
| BREXIDOTIA TYRANNUS | 1 | 1 | 21.5 | | TL | | | | | | 0.3 | |
| CLUPEA HARENGUS HARENGUS | 1 | 1 | 16.5 | | TL | | | | | | 0.3 | |
| ENCYLIOPUS CIMBRIUS | 1 | 1 | 14.7 | | SL | 0 | | | | | 0.3 | 0.0 |
| GADUS MORHUA | 6 | 5 | 3.0 | 2.8-3.4 | SL | 56 | 2 | 1 | 3.5 | | 2.2 | 24.6 |
| POLLACHIUS VIRENS | 2 | 1 | 3.3 | | SL | 0 | | | | | 0.6 | 0.0 |
| UROPHYCIS SP. | | | | | | | 1 | 1 | 3.3 | | 0.2 | |
| MERLUCCIIUS BILINEARIS | | | | | | 0 | 1 | 1 | 5.1 | | 0.2 | 0.0 |
| PARALICHTHYS TENTATUS | 6 | 6 | 6.1 | 3.9-8.7 | SL | 0 | 12 | 12 | 6.0 | 3.3-9.3 | SL | 3.8 |
| SCOPHTHALMUS AQUOSUS | 2 | 2 | 7.0 | 6.5-7.5 | SL | | 8 | 8 | 5.0 | 4.0-6.0 | SL | 1.9 |
| ADDITIONAL LARVAE CAUGHT UNIDENTIFIED | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| C 4 (3 12) | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | | |
| ENCYLIOPUS CIMBRIUS | 1 | 1 | 15.5 | | SL | 0 | 1 | 1 | 4.4 | | 0.6 | 0.0 |
| GADUS MORHUA | 4 | 4 | 3.8 | 3.5-4.1 | SL | 5 | 1 | 1 | 3.3 | | 1.5 | 2.8 |
| UROPHYCIS SP. | 1 | 1 | 6.8 | | NL | | 1 | 1 | 5.8 | | 0.6 | |
| MERLUCCIIUS BILINEARIS | 5 | 5 | 15.6 | 4.1-56.5 | NL | 0 | 8 | 8 | 5.0 | 3.6-7.4 | NL | 4.2 |
| ETROPIUS MICROSTOMUS | 1 | 1 | 5.0 | | SL | | 1 | 1 | 4.6 | | 0.6 | |
| PARALICHTHYS TENTATUS | 7 | 7 | 6.5 | 4.4-8.0 | SL | 0 | 10 | 10 | 7.2 | 3.3-9.1 | SL | 5.4 |
| SCOPHTHALMUS AQUOSUS | 8 | 8 | 5.1 | 3.3-6.9 | SL | | 11 | 11 | 5.4 | 3.7-7.3 | SL | 6.1 |

TABLE 3. (continued)

| CRUISE DATE F6614 1966 | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|---------------------------|----------------------|--------------------------|-----------------|-------|------|------|--------------------|-------------------|-------|------|------|-------------|------|
| STA. | NO. SPECIES ANALYZED | NUMBER | LENGTHS (MM) | MEAS. | NO. | EGGS | NUMBER | LENGTHS (MM) | MEAS. | NO. | EGGS | NO. PER 10M | EGGS |
| C 5 | C2 12 | TOTAL MEAS. | MEAN RANGE | MEAS. | EGGS | | TOTAL MEAS. | MEAN RANGE | MEAS. | EGGS | | LAFFVAE | |
| | | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-33M | | | | | |
| | | 1 | 10.0 | TL | | | | | | | | 0.3 | |
| | | 1 | 12.2 | TL | | | | | | | | 0.3 | |
| | | | | | 1 | | | | | 0 | | 0.0 | 0.3 |
| | | 1 | 3.8 | NL | | | 2 | 2 7.6 5.4-9.5 | NL | | | 1.0 | |
| | | 25 | 5.7 3.5-7.4 | NL | 0 | | 22 | 22 5.7 3.5-8.4 | NL | 0 | | 14.8 | C.C |
| | | 2 | 6.4 5.1-7.7 | SL | | | | | | | | 0.7 | |
| | | 8 | 6.4 4.4-9.4 | SL | 1 | | 6 | 6 8.4 6.5-10.6 | SL | 0 | | 4.4 | C.3 |
| | | 3 | 7.0 6.0-9.0 | SL | | | | | | | | 1.0 | |
| | | | | | | | | | | | | | |
| C 6 | C2 12 | SAMPLING DEPTH | C-15M | | | | SAMPLING DEPTH | 18-33M | | | | | |
| | | 1 | 23.0 | TL | | | 1 | 18.5 | TL | | | 0.6 | |
| | | | | | 0 | | 1 | 4.1 | SL | 0 | | 0.3 | C.C |
| | | 1 | 5.7 | SL | 0 | | 1 | | | 0 | | 0.6 | 0.0 |
| | | 2 | 3.1 2.9-3.2 | SL | 0 | | 1 | 3.7 | SL | 0 | | 0.9 | 0.0 |
| | | 19 | 7.3 3.1-33.9 | NL | 0 | | 21 | 21 5.1 3.1-7.7 | NL | 0 | | 12.7 | C.C |
| | | 1 | 4.8 | SL | | | 2 | 2 12.3 11.5-12.6 | SL | | | 1.0 | |
| | | 1 | 8.0 | SL | | | | | | | | 0.3 | |
| | | 14 | 6.9 4.4-9.7 | SL | 0 | | 8 | 8 5.9 3.2-8.4 | SL | 0 | | 6.9 | 0.0 |
| | | 2 | 4.7 4.4-5.0 | SL | | | 8 | 8 5.6 4.8-6.2 | SL | | | 3.3 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | |
| C 7 | C2 12 | SAMPLING DEPTH | C-15M | | | | SAMPLING DEPTH | 18-33M | | | | | |
| | | 13 | 16.6 15.0-21.5 | TL | | | 38 | 38 17.1 14.8-21.3 | TL | | | 16.6 | |
| | | 7 | 7.6 6.3-9.9 | SL | | | 5 | 5 7.7 6.8-8.5 | SL | | | 3.8 | |
| | | 1 | 7.2 | SL | | | | | | | | 0.3 | |
| | | | | | 0 | | 2 | 2 4.6 3.3-5.8 | SL | 0 | | 0.7 | 0.0 |
| | | | | | 0 | | 1 | 4.8 | SL | 0 | | 0.3 | C.C |
| | | 17 | 7.1 3.2-12.8 | NL | 0 | | 7 | 7 11.6 4.4-43.1 | NL | 0 | | 7.4 | 0.0 |
| | | | | | | | 1 | 10.1 | SL | | | 0.3 | |
| | | 1 | 8.0 | SL | 0 | | 1 | 8.3 | SL | 0 | | 0.6 | 0.0 |
| | | ADDITIONAL LARVAE CAUGHT | | | | | GOBIIDAE | | | | | | |
| | | | | | | | | | | | | | |
| C 8 | C2 12 | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-33M | | | | | |
| | | 16 | 7.2 5.0-8.9 | SL | | | 13 | 13 8.1 6.8-10.4 | SL | | | 9.1 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | MUGILIDAE | | | | | | |
| | | | | | | | GOBIIDAE | | | | | | |
| | | | | | | | | | | | | | |
| D 1 | C1 12 | SAMPLING DEPTH | 0-6M | | | | | | | | | | |
| | | 2 | 21.7 20.0-23.5 | TL | | | | | | | | 0.2 | |
| | | 1 | 3.9 | SL | 0 | | | | | | | 0.1 | 0.0 |
| | | 1 | 8.6 | SL | | | | | | | | 0.1 | |
| | | 2 | 5.8 5.6-6.0 | SL | | | | | | | | 0.2 | |
| | | 3 | 11.7 11.1-12.0 | SL | 0 | | | | | | | 0.4 | 0.0 |
| | | 4 | 8.3 7.6-9.2 | SL | | | | | | | | 0.5 | |
| | | | | | | | | | | | | | |
| C 2 | C1 12 | SAMPLING DEPTH | C-6M | | | | | | | | | | |
| | | 1 | 17.5 | TL | | | | | | | | 0.1 | |
| | | | | | 5 | | | | | | | 0.0 | C.6 |
| | | 1 | 50.4 | SL | | | | | | | | 0.1 | |
| | | 1 | 7.6 | SL | | | | | | | | 0.1 | |
| | | 4 | 10.5 9.3-11.0 | SL | 0 | | | | | | | 0.5 | 0.0 |
| | | 20 | 6.5 3.8-9.7 | SL | | | | | | | | 2.4 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | GOBIIDAE | | | | | | |
| | | | | | | | | | | | | | |
| D 3 | C1 12 | SAMPLING DEPTH | 0-15M | | | | | | | | | | |
| | | 3 | 3.4 3.3-3.4 | SL | 55 | | | | | | | 0.9 | 16.7 |
| | | 16 | 5.2 3.5-8.6 | SL | 0 | | | | | | | 4.8 | 0.0 |
| | | 170 | 50 4.6 2.9-11.3 | SL | | | | | | | | 51.5 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | | |
| C 4 | C2 12 | SAMPLING DEPTH | C-15M | | | | | | | | | | |
| | | 5 | 3.1 3.0-3.2 | SL | 52 | | | | | | | 1.5 | 15.8 |
| | | 6 | 3.5 2.7-4.4 | NL | | | | | | | | 1.8 | |
| | | 22 | 5.2 4.1-6.5 | SL | 0 | | | | | | | 6.7 | C.C |
| | | 190 | 50 4.6 2.7-7.0 | SL | | | | | | | | 57.6 | |
| | | | | | | | | | | | | | |
| D 5 | C2 12 | SAMPLING DEPTH | 0-15M | | | | SAMPLING DEPTH | 18-24M | | | | | |
| | | 2 | 3.7 3.7-3.7 | SL | 8 | | | | | 3 | | 0.6 | 2.9 |
| | | 30 | 3.5 2.3-5.4 | NL | | | 16 | 14 4.4 2.5-9.2 | NL | | | 11.8 | |
| | | 1 | 4.0 | SL | | | | | | | | 0.3 | |
| | | 3 | 4.9 4.7-5.1 | SL | | | | | | | | 1.0 | |
| | | 59 | 4.8 2.8-7.3 | SL | 0 | | 41 | 41 5.1 3.1-11.0 | SL | 0 | | 24.8 | 0.0 |
| | | 169 | 50 4.0 2.8-6.0 | SL | | | 105 | 50 4.1 2.7-6.2 | SL | | | 68.9 | |
| | | ADDITIONAL LARVAE CAUGHT | | | | | SYNGNATHIDAE | | | | | | |
| | | | | | | | SEPRANICAE | | | | | | |
| | | | | | | | UNIDENTIFIED | | | | | | |

TABLE 3. (continued)

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| CRUISE DATE | ***** LARVAE ***** | ***** LARVAE ***** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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TABLE 3. (continued)

144

| CRUISE DATE STA. D M SPECIES ANALYZED | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | NO. PER 10 ⁴ EGGS |
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| CERATOSCOPELUS MADERENSIS | 1 | 1 4.6 | TL | | | 1 | 1 7.2 | SL | | | 0.3 |
| LOPHIUS AMERICANUS | 2 | 1 17.2 | NL | | | 1 | 1 3.8 | NL | | | 0.3 |
| UROPHYCIS SP. | 1 | 1 23.8 | NL | 8 | | 1 | 1 6.0 | NL | 0 | | 0.9 |
| MERLUCCIIUS BILINEARIS | | | | | | | | | | | 0.6 |
| ADDITIONAL LARVAE CAUGHT | | | | | | Gobiidae | | | | | 2.7 |
| F 1 11 11 | SAMPLING DEPTH 0-6M | | | | | | | | | | |
| BREVORTIA TYRANNUS | 1 | 1 21.0 | TL | | | | | | | | 0.1 |
| ANCHOA MITCHELLI | 2 | 2 36.2 21.5-51.0 | TL | | | | | | | | 0.2 |
| MICROPOGON UNDULATUS | 1 | 1 9.4 | SL | | | | | | | | 0.1 |
| PARALICHTHYS DENTATUS | 1 | 1 10.1 | SL | 0 | | | | | | | 0.1 |
| ADDITIONAL LARVAE CAUGHT | | | | | | Gobiidae | | | | | 0.0 |
| F 2 11 11 | SAMPLING DEPTH 0-6M | | | | | | | | | | |
| BREVORTIA TYRANNUS | 3 | 3 20.7 19.5-21.5 | TL | | | | | | | | 0.4 |
| ANCHOA MITCHELLI | 6 | 6 56.0 50.0-60.0 | TL | | | | | | | | 0.7 |
| MICROPOGON UNDULATUS | 5 | 5 11.9 9.9-13.7 | SL | | | | | | | | 0.6 |
| PARALICHTHYS DENTATUS | 3 | 3 11.2 10.5-12.1 | SL | 0 | | | | | | | 0.4 |
| SCOPHTHALMUS AQUOSUS | 2 | 2 7.4 5.4-9.3 | SL | | | | | | | | 0.2 |
| F 3 11 11 | SAMPLING DEPTH 0-15M | | | | | | | | | | |
| BREVORTIA TYRANNUS | 2 | 2 15.2 15.0-15.5 | TL | | | | | | | | 0.6 |
| ANCHOA MITCHELLI | 4 | 4 62.0 59.5-65.0 | TL | | | | | | | | 1.2 |
| PARALICHTHYS DENTATUS | 2 | 2 10.5 10.5-10.6 | SL | 0 | | | | | | | 0.6 |
| SCOPHTHALMUS AQUOSUS | 6 | 6 5.8 5.1-6.7 | SL | | | | | | | | 1.8 |
| ADDITIONAL LARVAE CAUGHT | | | | | | Gobiidae | | | | | |
| F 4 11 11 | SAMPLING DEPTH 0-15M | | | | | | | | | | |
| UROPHYCIS SP. | 1 | 1 3.1 | NL | | | | | | | | 0.3 |
| CENTROPOMUS STRIATA | 1 | 1 5.2 | SL | | | | | | | | 0.3 |
| PERCNOTUS CARLINUS | 1 | 1 5.5 | SL | | | | | | | | 0.3 |
| ETREPIUS MICROSTOMUS | 1 | 1 4.7 | SL | | | | | | | | 0.3 |
| PARALICHTHYS DENTATUS | 1 | 1 9.0 | SL | 14 | | | | | | | 0.3 |
| SCOPHTHALMUS AQUOSUS | 6 | 6 3.7 2.7-5.0 | SL | | | | | | | | 1.8 |
| ADDITIONAL LARVAE CAUGHT | | | | | | Gobiidae | | | | | |
| F 5 11 11 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | |
| GADUS MORhua | | | | 0 | | | | | 1 | | 0.0 |
| UROPHYCIS SP. | 4 | 2 3.2 3.2-3.3 | NL | | | 2 | 2 2.5 2.8-3.1 | NL | | | 1.6 |
| MERLUCCIIUS BILINEARIS | 2 | 2 3.1 2.5-3.8 | NL | 0 | | | | | 0 | | 0.6 |
| PERCNOTUS CARLINUS | 1 | 1 4.8 | SL | | | | | | | | 0.3 |
| CITHARICHTHYS ARCTIFRONS | | | | | | 2 | 2 8.6 5.1-12.0 | SL | | | 0.3 |
| ETREPIUS MICROSTOMUS | | | | | | 1 | 1 4.0 | SL | | | 0.2 |
| PARALICHTHYS DENTATUS | | | | 17 | | 8 | 8 3.8 3.3-5.5 | SL | 0 | | 1.3 |
| SCOPHTHALMUS AQUOSUS | | | | | | 7 | 6 3.1 2.8-3.7 | SL | | | 1.1 |
| F 6 12 11 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | |
| UROPHYCIS SP. | 11 | 8 6.7 3.7-17.0 | NL | | | 12 | 12 6.4 3.3-14.7 | NL | | | 7.3 |
| MERLUCCIIUS BILINEARIS | 4 | 4 15.9 8.5-24.2 | NL | 0 | | 4 | 4 8.2 6.0-12.9 | NL | 0 | | 2.5 |
| CITHARICHTHYS ARCTIFRONS | 4 | 4 6.6 5.1-7.6 | SL | | | 8 | 8 10.7 4.7-21.1 | SL | | | 3.9 |
| ETREPIUS MICROSTOMUS | | | | | | 2 | 2 6.2 6.0-6.3 | SL | | | 0.7 |
| PARALICHTHYS DENTATUS | 3 | 3 5.7 4.6-6.9 | SL | 51 | | 6 | 6 7.1 4.6-10.5 | SL | 3 | | 2.9 |
| SCOPHTHALMUS AQUOSUS | 3 | 3 3.4 2.7-4.1 | SL | | | 3 | 3 6.3 3.6-8.2 | SL | | | 1.9 |
| ADDITIONAL LARVAE CAUGHT | | | | | | Gobiidae | | | | | |
| F 7 12 11 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-23M | | | | | |
| CERATOSCOPELUS MADERENSIS | | | | | | 3 | 3 7.9 6.6-9.8 | SL | | | 1.0 |
| MERLUCCIIUS BILINEARIS | 36 | 36 29.5 20.4-36.5 | NL | 0 | | 61 | 61 28.6 16.7-39.3 | NL | 0 | | 21.1 |
| CITHARICHTHYS ARCTIFRONS | | | | | | 2 | 2 15.5 15.4-15.6 | SL | | | 0.7 |
| ADDITIONAL LARVAE CAUGHT | | | | | | Gobiidae | | | | | |
| F 1 11 11 | SAMPLING DEPTH 0-6M | | | | | | | | | | |
| BREVORTIA TYRANNUS | 100 | 55 20.7 17.0-25.0 | TL | | | | | | | | 12.1 |
| G 2 11 11 | SAMPLING DEPTH 0-6M | | | | | | | | | | |
| BREVORTIA TYRANNUS | 5 | 5 16.5 14.5-18.0 | TL | | | | | | | | 0.6 |
| MICROPOGON UNDULATUS | 2 | 2 6.1 5.9-6.4 | SL | | | | | | | | 0.2 |
| PARALICHTHYS DENTATUS | 1 | 1 10.3 | SL | 0 | | | | | | | 0.1 |
| SCOPHTHALMUS AQUOSUS | 4 | 4 6.0 4.7-7.1 | SL | | | | | | | | 0.5 |

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TABLE 3. (continued)

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| CRUISE DATE | | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|----------------------------|--|----------------------|----|--------------|-----------|----------|-----------------------|----|--------------|----------|----------|-------------|------|
| Feb 14, 1966 | | NUMBER | | LENGTHS (MM) | | NO. EGGS | NUMBER | | LENGTHS (MM) | | NO. EGGS | NO. PER 10M | |
| STA. 04 SPECIES ANALYZED | | TOTAL MEAS. | | MEAN RANGE | | | TOTAL MEAS. | | MEAN RANGE | | | LARVAE | |
| F 7 12 11 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | | |
| BREVOORTIA TYRANNUS | | 1 | 1 | 19.0 | | TL | | | | | | 0.3 | |
| PERATOSCOPELUS MADEIRENSIS | | 2 | 2 | 7.7 | 7.1- 8.4 | SL | 2 | 2 | 9.0 | 7.9-10.2 | SL | 1.3 | |
| HICOPHYCIS SP. | | 1 | 1 | 1.6 | | NL | 29 | 24 | 3.2 | 1.3- 5.1 | NL | 10.0 | |
| MERLUCCIIUS BILINEARIS | | | | | | | 4 | 4 | 5.6 | 2.4-10.4 | NL | 1.3 | 3.2 |
| PEROPHUS TRIACANTHUS | | 1 | 1 | 29.2 | | SL | | | | | | 0.3 | |
| CITHARICHTHYS ARCTIFRONS | | | | | | | 6 | 6 | 6.2 | 3.9-10.9 | SL | 2.0 | |
| ADDITIONAL LARVAE CAUGHT | | CONGRIDAE | | | | | GOBIIDAE | | | | | | |
| | | SYNOBRONTIDAE | | | | | | | | | | | |
| J 1 12 11 | | SAMPLING DEPTH C- 6M | | | | | | | | | | | |
| MICROPOGON UNICULATUS | | 1 | 1 | 10.9 | | SL | | | | | | 0.1 | |
| PARALICHTHYS DENTATUS | | 2 | 2 | 10.8 | 10.7-10.9 | SL | | | | | | 0.2 | C. C |
| ADDITIONAL LARVAE CAUGHT | | GOBIIDAE | | | | | | | | | | | |
| J 2 13 11 | | SAMPLING DEPTH C- 6M | | | | | | | | | | | |
| BREVOORTIA TYRANNUS | | 1 | 1 | 20.5 | | TL | | | | | | 0.1 | |
| PPIODONTUS CAROLINUS | | 1 | 1 | 16.0 | | SL | | | | | | 0.1 | |
| ADDITIONAL LARVAE CAUGHT | | GOBIIDAE | | | | | | | | | | | |
| J 3 13 11 | | SAMPLING DEPTH C- 6M | | | | | | | | | | | |
| BREVOORTIA TYRANNUS | | 1 | 1 | 10.6 | | TL | | | | | | 0.1 | |
| ADDITIONAL LARVAE CAUGHT | | GOBIIDAE | | | | | | | | | | | |
| J 4 14 11 | | SAMPLING DEPTH C-15M | | | | | | | | | | | |
| BREVOORTIA TYRANNUS | | 6 | 6 | 9.3 | 7.4-12.5 | TL | | | | | | 1.8 | |
| HICOPHYCIS SP. | | 12 | 12 | 4.5 | 2.2- 8.7 | NL | | | | | | 3.6 | |
| CITHARICHTHYS ARCTIFRONS | | 1 | 1 | 10.0 | | SL | | | | | | 0.3 | |
| ETREPIUS MICROSTOMUS | | 2 | 2 | 8.8 | 7.9- 9.7 | SL | | | | | | 0.6 | |
| PARALICHTHYS DENTATUS | | 6 | 6 | 6.2 | 3.7-11.4 | SL | | | | | | 1.8 | 5.2 |
| SCOPHTHALMUS AQUOSUS | | 6 | 6 | 3.4 | 2.7- 4.0 | SL | | | | | | 1.8 | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | | | |
| J 5 14 11 | | SAMPLING DEPTH C-15M | | | | | | | | | | | |
| HICOPHYCIS SP. | | 25 | 23 | 11.7 | 3.0-27.5 | NL | | | | | | 7.6 | |
| MERLUCCIIUS BILINEARIS | | 1 | 1 | 6.7 | | NL | | | | | | 0.3 | C. C |
| CITHARICHTHYS ARCTIFRONS | | 1 | 1 | 10.6 | | SL | | | | | | 0.3 | |
| ETREPIUS MICROSTOMUS | | 7 | 7 | 7.6 | 6.1- 8.7 | SL | | | | | | 2.1 | |
| PARALICHTHYS DENTATUS | | 2 | 2 | 7.1 | 5.2- 9.1 | SL | | | | | | 0.6 | 0.6 |
| ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | | | |
| J 6 14 11 | | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 1E-24M | | | | | | |
| PERATOSCOPELUS MADEIRENSIS | | | | | | | 1 | 1 | 7.9 | | SL | 0.2 | |
| HICOPHYCIS SP. | | 8 | 8 | 4.2 | 2.2- 6.7 | NL | 31 | 25 | 6.4 | 2.1- 9.1 | NL | 7.5 | |
| MERLUCCIIUS BILINEARIS | | 1 | 1 | 7.6 | | NL | 2 | 2 | 8.2 | 7.6- 8.8 | NL | 0.6 | 0.6 |
| CITHARICHTHYS ARCTIFRONS | | 8 | 8 | 6.6 | 5.9- 8.7 | SL | 27 | 27 | 7.2 | 5.7-10.0 | SL | 6.8 | |
| PARALICHTHYS DENTATUS | | 2 | 2 | 6.5 | 6.4- 7.5 | SL | 1 | 1 | 7.7 | | SL | 0.8 | 10.4 |
| ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | | | |
| J 7 14 11 | | SAMPLING DEPTH C-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | | |
| HICOPHYCIS SP. | | | | | | | 9 | 5 | 2.7 | 1.4- 4.0 | NL | 3.0 | |
| MERLUCCIIUS BILINEARIS | | | | | | | 3 | 2 | 4.8 | 3.2- 6.3 | NL | 1.0 | 0.0 |
| CITHARICHTHYS ARCTIFRONS | | | | | | | 1 | 1 | 6.4 | | SL | 0.3 | |
| PARALICHTHYS DENTATUS | | | | | | | 1 | 1 | 3.7 | | SL | 0.3 | 0.7 |
| SCOPHTHALMUS AQUOSUS | | 1 | | | | | 1 | 1 | 4.5 | | SL | 0.6 | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | LOPHIIFORMES | | | | | | |
| K 1 19 11 | | SAMPLING DEPTH C- 6M | | | | | | | | | | | |
| BREVOORTIA TYRANNUS | | 17 | 17 | 15.1 | 4.4-22.0 | TL | | | | | | 2.1 | |
| HICOPHYCIS SP. | | 1 | 1 | 4.9 | | NL | | | | | | 0.1 | |
| MERLUCCIIUS BILINEARIS | | 1 | 1 | 3.1 | | NL | | | | | | 0.1 | C. C |
| PARALICHTHYS DENTATUS | | | | | | | | | | | | 0.0 | 0.1 |
| SCOPHTHALMUS AQUOSUS | | 7 | 7 | 2.9 | 2.4- 3.5 | SL | | | | | | 0.8 | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | | | |
| K 2 19 11 | | SAMPLING DEPTH C-15M | | | | | | | | | | | |
| BREVOORTIA TYRANNUS | | 1 | 1 | 12.5 | | TL | | | | | | 0.3 | |
| HICOPHYCIS SP. | | 1 | 1 | 1.6 | | NL | | | | | | 0.3 | |
| PARALICHTHYS DENTATUS | | 2 | 2 | 4.5 | 3.5- 5.6 | SL | | | | | | 0.6 | 5.5 |
| SCOPHTHALMUS AQUOSUS | | 28 | 26 | 3.0 | 2.2- 5.8 | SL | | | | | | 8.5 | |
| ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | | | |
| K 3 19 11 | | SAMPLING DEPTH 0-15M | | | | | | | | | | | |
| BREVOORTIA TYRANNUS | | 1 | 1 | 6.0 | | TL | | | | | | 0.3 | |
| HICOPHYCIS SP. | | 3 | 3 | 3.7 | 3.4- 4.1 | NL | | | | | | 0.9 | |
| ETREPIUS MICROSTOMUS | | 2 | 2 | 8.7 | 7.1-10.3 | SL | | | | | | 0.6 | |
| PARALICHTHYS DENTATUS | | 12 | 12 | 4.0 | 2.6- 5.5 | SL | | | | | | 3.6 | 15.1 |
| SCOPHTHALMUS AQUOSUS | | 2 | 2 | 3.8 | 2.3- 5.2 | SL | | | | | | 0.6 | |
| ADDITIONAL LARVAE CAUGHT | | GOBIIDAE | | | | | | | | | | | |

[illegible]

TABLE 3. (continued)

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| CRUISE DATE STATION SPECIES ANALYZED | ***** LARVAE ***** | | | | ***** LARVAE ***** | | | | NO. LARVAE | NO. EGGS |
|--|----------------------|--------------|-------|-----------|--------------------|--------------|-------|-------|------------|----------|
| | NUMBER | LENGTHS (MM) | MEAS. | NO. | NUMBER | LENGTHS (MM) | MEAS. | NO. | | |
| STA. 16 11 | TOTAL MEAS. | MEAN | RANGE | MEAS. | TOTAL MEAS. | MEAN | RANGE | MEAS. | | |
| PREVORTIA TYRANNUS | 67 | 37 | 8.0 | 5.0-11.4 | TL | | | | | |
| HEPHERYCTIS SP. | 39 | 19 | 7.1 | 3.7-11.3 | NL | | | | 8.1 | |
| PRIONOTUS CARLINUS | 1 | 1 | 7.2 | | SL | | | | 4.7 | |
| CITHARICHTHYS ARCTIFRONS | 4 | 4 | 11.1 | 10.3-11.6 | SL | | | | 0.1 | |
| ETROPUS MICROSTOMUS | 24 | 24 | 8.5 | 7.3-11.3 | SL | | | | 0.5 | |
| PARALICHTHYS DENTATUS | 22 | 22 | 5.2 | 2.7-7.0 | SL | | | 113 | 2.9 | |
| | | | | | | | | | 2.7 | 13.7 |
| STA. 17 11 | SAMPLING DEPTH 0-15M | | | | | | | | | |
| ELOPS SAURIUS | 2 | 2 | 25.6 | 23.5-27.8 | NL | | | | 0.6 | |
| OPHIOTRICHUS OCELLATUS | 1 | 1 | 57.5 | | TL | | | | 0.3 | |
| ANCHNA HERSETUS | 1 | 1 | 19.0 | | TL | | | | 0.3 | |
| HEPHERYCTIS SP. | 11 | 9 | 4.0 | 3.2-6.0 | NL | | | | 3.3 | |
| MICROPOGON UNICULATUS | 13 | 13 | 6.4 | 4.6-8.2 | SL | | | | 3.9 | |
| PRIONOTUS CARLINUS | 1 | 1 | 7.1 | | SL | | | | 0.3 | |
| CITHARICHTHYS ARCTIFRONS | 20 | 20 | 9.0 | 7.0-12.0 | SL | | | | 6.1 | |
| ETROPUS MICROSTOMUS | 4 | 4 | 9.3 | 7.7-11.3 | SL | | | | 1.2 | |
| PARALICHTHYS DENTATUS | 3 | 3 | 6.9 | 6.5-7.5 | SL | | | 44 | 0.9 | 13.3 |
| ADDITIONAL LARVAE CAUGHT | SYNOCHETIDAE | | | | | | | | | |
| | PARALICHTHIDAE | | | | | | | | | |
| | OPHIOTRICHIDAE | | | | | | | | | |
| | BLENNIIDAE | | | | | | | | | |
| | GOBIIDAE | | | | | | | | | |
| | TRICHTURIDAE | | | | | | | | | |
| STA. 16 11 | SAMPLING DEPTH 0-6M | | | | | | | | | |
| ELOPS SAURIUS | 1 | 1 | 23.8 | | NL | | | | 0.1 | |
| PREVORTIA TYRANNUS | 10 | 10 | 9.8 | 6.5-11.4 | TL | | | | 1.2 | |
| ANCHNA HERSETUS | 4 | 3 | 15.7 | 13.5-17.5 | TL | | | | 0.5 | |
| ENCERATILUS EUPYSTHUS | 1 | 1 | 15.5 | | TL | | | | 0.1 | |
| HYGROPHUM BENNETTII (HYGROMI) | 1 | 1 | 7.4 | | SL | | | | 0.1 | |
| HEPHERYCTIS SP. | 32 | 28 | 3.5 | 1.6-7.3 | NL | | | | 3.9 | |
| MYRUCCIDUS BILINEARIS | 1 | 1 | 2.9 | | NL | | | 0 | 0.1 | 0.6 |
| MICROPOGON UNICULATUS | 23 | 22 | 4.5 | 2.7-6.2 | SL | | | | 0.1 | |
| PRIONOTUS CARLINUS | 5 | 5 | 5.6 | 5.3-5.8 | SL | | | | 2.8 | |
| BOETHUS OCELLATUS | 1 | 1 | 4.7 | | SL | | | | 0.6 | |
| CITHARICHTHYS ARCTIFRONS | 3 | 3 | 8.0 | 6.3-9.6 | SL | | | | 0.1 | |
| ETROPUS MICROSTOMUS | 39 | 39 | 5.5 | 3.1-10.3 | SL | | | | 0.4 | |
| PARALICHTHYS DENTATUS | 10 | 10 | 4.6 | 3.2-6.9 | SL | | | 2 | 4.7 | |
| SYACIUM PAPILLOSUM | 2 | 2 | 5.2 | 4.7-5.7 | SL | | | | 1.2 | 0.2 |
| SYMPHYRUS SP. | 2 | 2 | 12.3 | 12.3-12.3 | SL | | | | 0.2 | |
| ADDITIONAL LARVAE CAUGHT | SYNOCHETIDAE | | | | | | | | | |
| | BREGMACEROTIDAE | | | | | | | | | |
| | OPHIOTRICHIDAE | | | | | | | | | |
| | SEPPANIIDAE | | | | | | | | | |
| | CARANGIIDAE | | | | | | | | | |
| | URANOSCOPIDAE | | | | | | | | | |
| | CALLIONYMIDAE | | | | | | | | | |
| | GOBIIDAE | | | | | | | | | |
| | SCORPAENIIDAE | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | |

TABLE 3. (continued)

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| CRUISE DATE | | ***** LARVAE ***** | | | | ***** LARVAE ***** | | | | 2 | |
|----------------------------------|--|------------------------------|----|------|--------------|------------------------------|----|------|--------------|-------------|------|
| 06614 1966 | | NUMBER | | | | NUMBER | | | | NO. PER 10M | |
| STA. 04 SPECIES ANALYZED | | TOTAL MEAS. MEAN RANGE MEAS. | | | | TOTAL MEAS. MEAN RANGE MEAS. | | | | NO. PER 10M | |
| M 5 16 11 | | SAMPLING DEPTH 0-15M | | | | SAMPLING DEPTH 1A-23M | | | | EGGS | |
| EUCES SAURUS | | 1 | 1 | 29.3 | NL | | | | | | 0.3 |
| CALLEGHELYS PERRYAE | | 3 | 3 | 35.2 | 23.8-42.5 NL | 2 | 2 | 40.8 | 38.4-43.2 NL | | 1.6 |
| MYRAPHIS PINCIATIS | | 3 | 3 | 35.2 | 23.8-42.5 TL | 2 | 2 | 40.9 | 38.4-43.5 TL | | 1.6 |
| ANCHOA HEFSETUS | | 1 | 1 | 10.0 | TL | | | | | | 0.3 |
| ENCRAULIS EURYSTOLE | | 30 | 20 | 8.2 | 3.4-20.5 TL | 10 | 10 | 5.7 | 5.3-16.9 TL | | 12.3 |
| BENTHOSEMA GLACIALE | | 1 | 1 | 6.4 | SL | | | | | | 0.3 |
| BENTHOSEMA SUBRITALE | | 1 | 1 | 4.9 | SL | 1 | 1 | 7.7 | SL | | 0.6 |
| CERATOSCOPULUS MAJORENSIS | | | | | | 1 | 1 | 6.2 | SL | | 0.3 |
| CERATOSCOPULUS HARMINGI | | 2 | 2 | 3.8 | 3.3- 4.3 SL | 2 | 2 | 4.1 | 3.9- 4.4 SL | | 1.3 |
| DIAPHUS SP. | | 4 | 3 | 4.7 | 4.4- 4.9 SL | 4 | 4 | 5.2 | 4.4- 6.1 SL | | 2.5 |
| HYGROPHUM REINHARDTI | | | | | | 1 | 1 | 5.8 | SL | | 0.3 |
| HYGROPHUM TANNINGI | | | | | | 2 | 2 | 5.2 | 4.7- 5.7 SL | | 0.7 |
| LAMEANYCTUS ALATUS OR PHOTONOTUS | | | | | | 2 | 2 | 7.7 | 4.5-11.0 SL | | 0.7 |
| LAMEANYCTUS CLERINUS | | | | | | 1 | 1 | 6.8 | SL | | 0.3 |
| LEPIDOPHANES SP. | | 1 | 1 | 4.0 | SL | | | | | | 0.3 |
| UROPHYCIS SP. | | 45 | 28 | 2.2 | 1.7- 3.9 NL | 89 | 60 | 2.1 | 1.6- 3.6 NL | | 43.2 |
| HEMIRHAMPHUS VIVANUS | | 2 | 1 | 4.7 | SL | 5 | 4 | 4.3 | 3.6- 5.0 SL | | 2.3 |
| LEICISTOMUS XANTHURUS | | | | | | 2 | 2 | 3.5 | 3.4- 3.6 SL | | 0.7 |
| MICROPOGON UNICULATUS | | 9 | 9 | 4.5 | 3.6- 7.1 SL | 28 | 28 | 3.5 | 2.3- 6.1 SL | | 12.0 |
| PRIONOTUS CAROLINUS | | 4 | 4 | 4.5 | 3.3- 7.0 SL | 5 | 5 | 4.6 | 2.8- 7.0 SL | | 2.9 |
| PETHUS OCELLATUS | | 25 | 22 | 5.2 | 2.9-10.7 SL | 55 | 25 | 5.4 | 2.8- 5.7 SL | | 25.8 |
| CITHARICHTHYS ARCTIFRONS | | | | | | 1 | 1 | 13.1 | SL | | 0.3 |
| CYCLOPSSETTA EMPRIATA | | 1 | 1 | 4.6 | SL | 1 | 1 | 6.4 | SL | | 0.6 |
| ETREPIUS MICROSTOMUS | | 14 | 14 | 3.6 | 2.6- 4.9 SL | 10 | 10 | 4.2 | 3.1- 5.7 SL | | 7.5 |
| PARALICHTHYS TENTACULUS | | 2 | 2 | 3.1 | 3.1- 3.2 SL | 2 | 2 | 3.5 | 3.2- 3.8 SL | 0 | 1.3 |
| SYACIUM PAPILLOSUM | | 6 | 6 | 5.9 | 3.2-11.8 SL | 7 | 7 | 5.7 | 4.2-11.5 SL | | 4.1 |
| SYMPHYRUS SP. | | 19 | 17 | 4.5 | 2.9- 7.9 SL | 16 | 14 | 4.8 | 2.8- 5.2 SL | | 11.0 |
| ADDITIONAL LARVAE CAUGHT | | MORINGLIDAE | | | | MURAENIDAE | | | | | |
| | | CYCLOTHONE SP. | | | | CYCLOTHONE SP. | | | | | |
| | | SYNDONOTIDAE | | | | STOMIATIDAE | | | | | |
| | | PARALEPIDIDAE | | | | SYNDONOTIDAE | | | | | |
| | | OPHIOTRIDAE | | | | PARALEPIDIDAE | | | | | |
| | | SERRANIDAE | | | | BREGMACETIDAE | | | | | |
| | | APOGONIDAE | | | | OPHIOTRIDAE | | | | | |
| | | CARANGIDAE | | | | SYNGNATHIDAE | | | | | |
| | | LABRIDAE OR SCARIDAE | | | | SERRANIDAE | | | | | |
| | | SPHYRAENIDAE | | | | APOGONIDAE | | | | | |
| | | CALLIONYMIDAE | | | | CARANGIDAE | | | | | |
| | | GOBIIDAE | | | | SPARIDAE | | | | | |
| | | SCORPAENIDAE | | | | LABRIDAE OR SCARIDAE | | | | | |
| | | UNIDENTIFIED | | | | MUGILIDAE | | | | | |
| | | | | | | SPHYRAENIDAE | | | | | |
| | | | | | | CALLIONYMIDAE | | | | | |
| | | | | | | GOBIIDAE | | | | | |
| | | | | | | SCORPAENIDAE | | | | | |
| | | | | | | TRIGLIDAE | | | | | |
| | | | | | | BALISTIDAE | | | | | |
| | | | | | | UNIDENTIFIED | | | | | |
| | | | | | | | | | | | |
| N 1 16 11 | | SAMPLING DEPTH 0-6M | | | | | | | | | |
| BREVORTIA TYRANNUS | | 1 | 1 | 10.7 | TL | | | | | | 0.1 |
| ANCHOA HEFSETUS | | 3 | 3 | 19.2 | 18.2-20.5 TL | | | | | | 0.4 |
| ENCRAULIS EURYSTOLE | | 3 | 3 | 34.0 | 32.2-37.1 TL | | | | | | 0.4 |
| UROPHYCIS SP. | | 2 | 2 | 2.2 | 1.5- 3.0 NL | | | | | | 0.2 |
| MICROPOGON UNICULATUS | | 10 | 10 | 3.6 | 3.0- 4.3 SL | | | | | | 1.2 |
| PARALICHTHYS TENTACULUS | | 3 | 3 | 5.2 | 3.3- 6.7 SL | | | | | 0 | 0.4 |
| ADDITIONAL LARVAE CAUGHT | | CALLIONYMIDAE | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | |
| | | | | | | | | | | | |
| N 2 16 11 | | SAMPLING DEPTH 0-15M | | | | | | | | | |
| BREVORTIA TYRANNUS | | 14 | 14 | 9.0 | 4.7-11.4 TL | | | | | | 4.2 |
| UROPHYCIS SP. | | 52 | 26 | 4.0 | 2.7- 9.1 NL | | | | | | 15.8 |
| LEICISTOMUS XANTHURUS | | 3 | 3 | 4.6 | 4.6- 4.7 SL | | | | | | 0.9 |
| MICROPOGON UNICULATUS | | 87 | 66 | 4.8 | 3.2- 8.3 SL | | | | | | 26.4 |
| PRIONOTUS CAROLINUS | | 5 | 5 | 5.5 | 4.8- 6.4 SL | | | | | | 1.5 |
| PETHUS OCELLATUS | | 1 | 1 | 3.7 | SL | | | | | | 0.3 |
| CITHARICHTHYS ARCTIFRONS | | 1 | 1 | 10.0 | SL | | | | | | 0.3 |
| ETREPIUS MICROSTOMUS | | 10 | 10 | 5.2 | 3.4- 8.4 SL | | | | | | 3.0 |
| PARALICHTHYS TENTACULUS | | 1 | 1 | 3.7 | SL | | | | | 25 | 0.3 |
| SYMPHYRUS SP. | | 1 | 1 | 3.8 | SL | | | | | | 0.3 |
| ADDITIONAL LARVAE CAUGHT | | EPHIOTRIDAE | | | | | | | | | |
| | | CARANGIDAE | | | | | | | | | |
| | | CALLIONYMIDAE | | | | | | | | | |
| | | TRIGLIDAE | | | | | | | | | |
| | | UNIDENTIFIED | | | | | | | | | |

TABLE 3. (continued)

150

| CRUISE DATE | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|----------------------------------|----------------------|--------------|------|----------|------------|-----------------------|--------------|------|-----------|------------|-----------------|------|
| PERIOD 1965 | NUMBER | LENGTHS (MM) | | NO. | | NUMBER | LENGTHS (MM) | | NO. | PER | 10 ³ | |
| STA. NO. SPECIES ANALYZED | TOTAL | MEAS. | MEAN | RANGE | MEAS. EGGS | TOTAL | MEAS. | MEAN | RANGE | MEAS. EGGS | LARVAE | EGGS |
| N 3 15 11 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-24M | | | | | | |
| CALLECHELYS PERRYAE | | | | | | 1 | 1 | 57.5 | | NL | | 0.2 |
| MYROPHIS PUNCTATUS | | | | | | 1 | 1 | 51.5 | | TL | | 0.2 |
| OPHIICHTHUS MELANODORUS | | | | | | 1 | 1 | 52.0 | | TL | | 0.2 |
| OPHIICHTHUS OCELLATUS | 1 | 1 | 52.3 | | TL | 1 | 1 | 44.0 | | TL | | 0.5 |
| OPHIICHTHUS SP. | | | | | | 1 | 1 | 94.0 | | TL | | 0.2 |
| PREVOORTIA TYRANNUS | 3 | 3 | 7.2 | 5.1-11.1 | TL | | | | | | | 1.0 |
| ANCHORA HERPSETIS | 4 | 4 | 5.4 | 3.0- 9.3 | TL | | | | | | | 1.3 |
| CERATOSCOPELUS MAHERENSIS | | | | | | 1 | 1 | 8.9 | | SL | | 0.2 |
| UROPHYCIS SP. | 29 | 22 | 3.8 | 2.2- 6.0 | NL | 6 | 5 | 2.8 | 1.7- 3.4 | NL | | 9.9 |
| CENTROPOMUS STRIATA | | | | | | 2 | 2 | 10.3 | 7.6-13.0 | SL | | 0.3 |
| LEIESTOMUS XANTHURUS | 3 | 3 | 4.1 | 3.8- 4.8 | SL | 6 | 6 | 3.4 | 2.5- 5.1 | SL | | 1.9 |
| MICROPOGON UNULATUS | 53 | 51 | 4.0 | 2.1- 5.9 | SL | 45 | 45 | 3.5 | 2.3- 6.3 | SL | | 24.2 |
| PRICNOTUS CAROLINUS | | | | | | 8 | 8 | 5.2 | 4.7- 5.7 | SL | | 1.3 |
| RETHUS OCELLATUS | 1 | 1 | 4.0 | | SL | | | | | | | 0.3 |
| CITHARICHTHYS ARCTIFRONS | 1 | 1 | 7.6 | | SL | 1 | 1 | 7.0 | | SL | | 0.5 |
| ETROPUS MICROSTOMUS | 16 | 16 | 6.1 | 4.7- 8.3 | SL | 22 | 22 | 6.2 | 3.9- 9.7 | SL | | 8.5 |
| PARALICHTHYS DENTATUS | 2 | 2 | 4.0 | 3.4- 4.7 | SL | | | | | | 0 | 0.6 |
| SYACIUM PAPILLOSUM | | | | | | 2 | 2 | 8.7 | 8.3- 9.0 | SL | | 0.3 |
| SYMPHURUS SP. | | | | | | 2 | 1 | 5.0 | | SL | | 0.3 |
| ADDITIONAL LARVAE CAUGHT | OPHIICHTHIDAE | | | | | MORICAGUIDAE | | | | | | |
| | CYCLOTHERAE SP. | | | | | STOMIATIDAE | | | | | | |
| | SYNDONTIDAE | | | | | SYNDONTIDAE | | | | | | |
| | MYCTOPHIDAE | | | | | OPHIOTIDAE | | | | | | |
| | CARANGIDAE | | | | | SERRANIDAE | | | | | | |
| | CALLIONYMIDAE | | | | | GRAMMISTIDAE | | | | | | |
| | GOBIIDAE | | | | | LABRIDAE OR SCARIDAE | | | | | | |
| | SCORPAENIDAE | | | | | CALLIONYMIDAE | | | | | | |
| | TRIGLIDAE | | | | | GOBIIDAE | | | | | | |
| | TETRAODONTIDAE | | | | | STROMATEIDAE | | | | | | |
| | | | | | | UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | |
| N 4 16 11 | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-33M | | | | | | |
| CALLECHELYS PERRYAE | 2 | 1 | 36.5 | | NL | 12 | 12 | 31.6 | 22.7-40.5 | NL | | 4.6 |
| MYROPHIS PUNCTATUS | 2 | 1 | 36.5 | | TL | 12 | 12 | 31.7 | 23.3-40.5 | TL | | 4.6 |
| ENCAEALIS FURYSTONAE | 16 | 16 | 8.2 | 1.9-21.2 | TL | 19 | 17 | 10.0 | 3.2-15.6 | TL | | 11.1 |
| REATHOSEMA SUBORBITALE | 1 | 1 | 7.3 | | SL | 2 | 2 | 6.8 | 5.1- 8.6 | SL | | 1.0 |
| CERATOSCOPELUS MAHERENSIS | | | | | | 1 | 1 | 6.6 | | SL | | 0.3 |
| CERATOSCOPELUS WAKAMICHI | 2 | 2 | 5.1 | 4.4- 5.8 | SL | 1 | 1 | 4.9 | | SL | | 0.9 |
| DIAPHUS SP. | 7 | 7 | 4.6 | 3.6- 5.9 | SL | 5 | 5 | 5.2 | 4.4- 6.2 | SL | | 3.8 |
| DIDENICHTHYS ATLANTICUS | | | | | | 1 | 1 | 4.5 | | SL | | 0.3 |
| HYGROPHUM REINHARDTII | | | | | | 1 | 1 | 5.0 | | SL | | 0.3 |
| LAMPANYCTUS ALATUS OR PHOTOCYTUS | 1 | 1 | 3.9 | | SL | | | | | | | 0.3 |
| LAMPANYCTUS COPRINUS | 1 | 1 | 8.5 | | SL | | | | | | | 0.3 |
| LAMPADENA SP. | 1 | 1 | 9.8 | | SL | | | | | | | 0.3 |
| UROPHYCIS SP. | 9 | 9 | 3.3 | 2.1- 5.0 | NL | 3 | 3 | 2.5 | 1.7- 3.0 | NL | | 3.7 |
| HEMANTHUS VIVIANUS | | | | | | 1 | 1 | 4.3 | | SL | | 0.3 |
| LEIESTOMUS XANTHURUS | 2 | 2 | 3.5 | 3.4- 3.6 | SL | | | | | | | 0.7 |
| MICROPOGON UNULATUS | 8 | 8 | 3.8 | 3.0- 6.4 | SL | 9 | 9 | 3.7 | 2.7- 4.5 | SL | | 5.4 |
| PRICNOTUS CAROLINUS | 8 | 8 | 4.9 | 4.5- 5.6 | SL | 6 | 6 | 4.6 | 3.7- 5.8 | SL | | 4.4 |
| RETHUS OCELLATUS | 45 | 25 | 4.7 | 2.9- 9.1 | SL | 52 | 25 | 5.4 | 2.3-11.5 | SL | | 30.8 |
| CYCLOPSETTA FIMBRIATA | 1 | 1 | 5.4 | | SL | | | | | | | 0.3 |
| ETROPUS MICROSTOMUS | 15 | 15 | 4.0 | 3.0- 6.9 | SL | 24 | 24 | 4.0 | 2.7- 9.1 | SL | | 12.5 |
| SYACIUM PAPILLOSUM | 13 | 13 | 5.9 | 3.5- 9.7 | SL | 12 | 12 | 6.5 | 3.4-12.7 | SL | | 7.9 |
| SYMPHURUS SP. | 8 | 6 | 5.2 | 3.6- 7.4 | SL | 4 | 4 | 6.0 | 4.1-10.2 | SL | | 3.7 |
| ADDITIONAL LARVAE CAUGHT | STOMIATIDAE | | | | | MORICAGUIDAE | | | | | | |
| | SYNDONTIDAE | | | | | MURAENIDAE | | | | | | |
| | LOPHIIFORMES | | | | | STOMIATIDAE | | | | | | |
| | OPHIOTIDAE | | | | | SYNDONTIDAE | | | | | | |
| | SERRANIDAE | | | | | CHLOROPHTHALMICAE | | | | | | |
| | APOGONIDAE | | | | | PARALEPIDIDAE | | | | | | |
| | CARANGIDAE | | | | | LOPHIIFORMES | | | | | | |
| | SPARIDAE | | | | | BREGMACROCTIDAE | | | | | | |
| | LABRIDAE OR SCARIDAE | | | | | OPHIOTIDAE | | | | | | |
| | MUGILIDAE | | | | | SERRANIDAE | | | | | | |
| | URANOSCOPIDAE | | | | | PRIACANTHIDAE | | | | | | |
| | BLENNIIDAE | | | | | APOGONIDAE | | | | | | |
| | CALLIONYMIDAE | | | | | CARANGIDAE | | | | | | |
| | GOBIIDAE | | | | | LABRIDAE OR SCARIDAE | | | | | | |
| | TRIGLIDAE | | | | | BLENNIIDAE | | | | | | |
| | UNIDENTIFIED | | | | | CALLIONYMIDAE | | | | | | |
| | | | | | | GOBIIDAE | | | | | | |
| | | | | | | ACANTHURIDAE | | | | | | |
| | | | | | | SCORPAENIDAE | | | | | | |
| | | | | | | TRIGLIDAE | | | | | | |
| | | | | | | UNIDENTIFIED | | | | | | |

TABLE 3. (continued)

| CRUISE DATE 06614 1966 STA. 04 SPECIES ANALYZED N 5 16 11 | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | NO. EGGS | 2 MU. PER 100 L/FV/E EGGS |
|--|----------------------|--------------|-------|-----------|------|-----------------------|--------------|-----------|----------|------|-------------|------------------------------------|
| | NUMBER | LENGTHS (MM) | NO. | MEAS. | EGGS | NUMBER | LENGTHS (MM) | NO. | MEAS. | EGGS | | |
| | TOTAL MEAS. | MEAN | PANGF | MEAS. | EGGS | TOTAL MEAS. | MEAN | PANGF | MEAS. | EGGS | | |
| | SAMPLING DEPTH 0-15M | | | | | SAMPLING DEPTH 18-23M | | | | | | |
| FLIES SAURUS | | | | | | 3 | 23.6 | 18.5-26.5 | NL | | | 1.0 |
| CALLECHELYS PERRYAE | | | | | | 1 | 1 | 62.6 | NL | | | 0.3 |
| MYRPHIS PUNCTATUS | | | | | | 1 | 1 | 62.6 | TL | | | 0.3 |
| ENGRAULIS EURYSTOLE | 3 | 3 | 7.8 | 7.2-8.3 | TL | 12 | 11 | 8.0 | 5.1-10.9 | TL | | 4.9 |
| CERATOSCOPELUS MAJERENSIS | 1 | 1 | 7.1 | | SL | 1 | 1 | 7.5 | | SL | | 0.6 |
| CERATOSCOPELUS WAMMINCI | | | | | | 4 | 4 | 4.4 | 3.9-4.7 | SL | | 1.3 |
| DIAPHUS SP. | 6 | 6 | 6.2 | 4.4-10.3 | SL | 4 | 4 | 4.6 | 4.0-5.2 | SL | | 3.1 |
| HYGROPHUM BENDITI | | | | | | 1 | 1 | 5.6 | | SL | | 0.3 |
| HYGROPHUM BENDITI OR HYGROMI | | | | | | 1 | 1 | 4.5 | | SL | | 0.3 |
| LAMEFANYETUS ALATUS OR PHOTONOTUS | | | | | | 1 | 1 | 4.1 | | SL | | 0.3 |
| UROPHYSIS SP. | 5 | 5 | 2.9 | 1.9-4.5 | NL | 6 | 6 | 2.6 | 1.6-3.5 | NL | | 3.5 |
| HEMIRHATHUS VIMANUS | 1 | 1 | 4.5 | | SL | 3 | 3 | 4.2 | 4.0-4.5 | SL | | 1.3 |
| LEICESTOMUS XANTHURUS | 7 | 7 | 2.9 | 2.2-3.4 | SL | 7 | 7 | 2.8 | 2.3-3.1 | SL | | 4.4 |
| MICROPYGON UNULATUS | 23 | 23 | 4.0 | 2.5-8.8 | SL | | | | | | | 7.7 |
| PRIONOTUS CARLINUS | 1 | 1 | 4.5 | | SL | 34 | 34 | 3.7 | 2.5-6.7 | SL | | 11.6 |
| ARTIUS OCELLATUS | 33 | 27 | 5.2 | 2.2-13.2 | SL | 33 | 31 | 4.7 | 2.3-8.7 | SL | | 20.9 |
| ETROPUS MICROSTOMUS | 16 | 16 | 3.6 | 2.7-5.1 | SL | 26 | 26 | 4.0 | 2.7-7.9 | SL | | 13.5 |
| SCOPHTHALMUS AQUINUS | 1 | 1 | 4.2 | | SL | | | | | | | 0.3 |
| SYCTIUM PAPILLOSUM | 3 | 3 | 5.0 | 4.3-5.4 | SL | 8 | 8 | 5.2 | 3.2-12.2 | SL | | 3.6 |
| SYMPHYRUS SP. | 8 | 8 | 4.4 | 3.2-7.2 | SL | 6 | 6 | 4.7 | 3.3-5.6 | SL | | 4.4 |
| ADDITIONAL LARVAE CAUGHT | CONGRICAE | | | | | MORINGUIDAE | | | | | | |
| | OPHIETHIDAE | | | | | CONGRICAE | | | | | | |
| | SYNDONTICAE | | | | | STOMIATIDAE | | | | | | |
| | PARALEPTICAE | | | | | SYNDONTICAE | | | | | | |
| | BREGMACEROTIDAE | | | | | CHLOROPHTHALMICAE | | | | | | |
| | OPHIOTICAE | | | | | PARALEPIDIDAE | | | | | | |
| | SERRANIDAE | | | | | BREGMACEROTICAE | | | | | | |
| | CARANGIDAE | | | | | OPHIOTIDAE | | | | | | |
| | POMACENTRIDAE | | | | | SERRANIDAE | | | | | | |
| | LABRIDAE OR SCARIDAE | | | | | CARANGIDAE | | | | | | |
| | PLENNIIDAE | | | | | SPARIDAE | | | | | | |
| | CALLIONYMIDAE | | | | | CHAETODONTICAE | | | | | | |
| | Gobiidae | | | | | POMACENTRIDAE | | | | | | |
| | TRIGLICAE | | | | | LABRIDAE OR SCARIDAE | | | | | | |
| | UNIDENTIFIED | | | | | SPHYRAENICAE | | | | | | |
| | | | | | | CALLIONYMIDAE | | | | | | |
| | | | | | | Gobiidae | | | | | | |
| | | | | | | TRIGLICAE | | | | | | |
| | | | | | | UNIDENTIFIED | | | | | | |
| | | | | | | | | | | | | |
| P 1 15 11 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| MYRPHIS PUNCTATUS | 2 | 2 | 50.7 | 47.0-54.5 | TL | | | | | | | 0.2 |
| ANCHOA HEPSETUS | 3 | 3 | 7.9 | 4.4-9.7 | TL | | | | | | | 0.4 |
| MICROPYGON UNULATUS | 25 | 25 | 9.3 | 4.8-11.6 | SL | | | | | | | 3.0 |
| SYMPHYRUS SP. | 1 | 1 | 13.3 | | SL | | | | | | | 0.1 |
| ADDITIONAL LARVAE CAUGHT | ANGUILLA ACUTATA | | | | | | | | | | | |
| | SPARIDAE | | | | | | | | | | | |
| | Gobiidae | | | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | |
| | | | | | | | | | | | | |
| F 2 15 11 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| CALLECHELYS PERRYAE | 9 | 9 | 66.1 | 61.5-74.5 | NL | | | | | | | 1.1 |
| MYRPHIS PUNCTATUS | 9 | 9 | 64.3 | 60.7-73.2 | TL | | | | | | | 1.1 |
| OPHIETHUS OCELLATUS | 1 | 1 | 75.5 | | TL | | | | | | | 0.1 |
| ANCHOA HEPSETUS | 2 | 2 | 11.6 | 10.1-13.1 | TL | | | | | | | 0.2 |
| UROPHYSIS SP. | 1 | 1 | 3.6 | | NL | | | | | | | 0.1 |
| MICROPYGON UNULATUS | 133 | 131 | 9.3 | 3.3-11.5 | SL | | | | | | | 16.1 |
| PRIONOTUS CARLINUS | 1 | 1 | 4.2 | | SL | | | | | | | 0.1 |
| PARALICHTHYS CENTATUS | 1 | 1 | 4.2 | | SL | | | | | | | 0.1 |
| SCOPHTHALMUS AQUINUS | 5 | 5 | 4.4 | 3.5-5.6 | SL | | | | | | | 0.6 |
| SYMPHYRUS SP. | 3 | 3 | 14.8 | 14.3-15.6 | SL | | | | | | | 0.4 |
| ADDITIONAL LARVAE CAUGHT | SPARIDAE | | | | | | | | | | | |
| | Gobiidae | | | | | | | | | | | |
| | | | | | | | | | | | | |
| P 3 15 11 | SAMPLING DEPTH 0-6M | | | | | | | | | | | |
| CALLECHELYS PERRYAE | 4 | 4 | 65.9 | 59.5-71.0 | NL | | | | | | | 0.5 |
| MYRPHIS PUNCTATUS | 4 | 4 | 65.9 | 61.3-70.5 | TL | | | | | | | 0.5 |
| OPHIETHUS OCELLATUS | 1 | 1 | 70.8 | | TL | | | | | | | 0.1 |
| ANCHOA HEPSETUS | 3 | 3 | 17.1 | 15.5-20.1 | TL | | | | | | | 0.4 |
| ENGRAULIS EURYSTOLE | 15 | 15 | 6.5 | 4.0-9.3 | TL | | | | | | | 1.8 |
| UROPHYSIS SP. | 18 | 17 | 4.8 | 3.1-7.8 | NL | | | | | | | 2.2 |
| LEICESTOMUS XANTHURUS | 1 | 1 | 4.4 | | SL | | | | | | | 0.1 |
| MICROPYGON UNULATUS | 250 | 247 | 5.1 | 2.9-10.1 | SL | | | | | | | 20.3 |
| PRIONOTUS CARLINUS | 9 | 9 | 4.5 | 3.5-6.5 | SL | | | | | | | 1.1 |
| ETROPUS MICROSTOMUS | 2 | 2 | 7.9 | 4.6-11.1 | SL | | | | | | | 0.2 |
| PARALICHTHYS CENTATUS | 4 | 4 | 3.3 | 2.8-3.6 | SL | | | | | | | 0.5 |
| SCOPHTHALMUS AQUINUS | 3 | 3 | 2.6 | 2.2-3.0 | SL | | | | | | | 0.4 |
| ADDITIONAL LARVAE CAUGHT | OPHIOTICAE | | | | | | | | | | | |
| | CALLIONYMIDAE | | | | | | | | | | | |
| | Gobiidae | | | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | |

TABLE 3. (continued)

| CRUISE DATE | ***** LARVAE ***** | | | | | ***** LARVAE ***** | | | | | 2 | |
|---------------------------------|----------------------|--------------|-------|-----------|------|-----------------------|--------------|-------|-----------|------|------------|--------------|
| STA. 0 M SPECIES ANALYZED | NUMBER | LENGTHS (MM) | | NO. | EGGS | NUMBER | LENGTHS (MM) | | NO. | EGGS | NO. LARVAE | PEP 10M EGGS |
| P 4 15 11 | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | TOTAL MEAS. | MEAN | RANGE | MEAS. | EGGS | LARVAE | EGGS |
| | SAMPLING DEPTH | 7-15M | | | | SAMPLING DEPTH | 1E-24M | | | | | |
| OPHIOTHEUTIS OCELLATUS | | | | | | 1 | 1 | 48.8 | | | TL | 0.2 |
| ANCHORA HEPSETUS | 2 | 2 | 11.2 | 9.3-13.1 | TL | | | | | | | 0.6 |
| ENGRAULIS EUPYSTOLE | 3 | 3 | 12.4 | 9.5-15.0 | TL | 6 | 4 | 14.0 | 4.9-23.1 | TL | | 1.9 |
| PERATOSCOPELUS WARMINGI | | | | | | 1 | 1 | 3.6 | | SL | | 0.2 |
| HEMIRHYNCHUS SP. | 30 | 29 | 4.0 | 2.8- 5.4 | NL | 4 | 4 | 2.8 | 3.3- 4.5 | NL | | 9.9 |
| LEICISTOMUS XANTHINUS | 7 | 7 | 4.8 | 3.7- 5.3 | SL | 7 | 6 | 4.3 | 3.1- 4.7 | SL | | 3.3 |
| MICROPODON UNICULATUS | 87 | 87 | 4.4 | 2.4- 7.8 | SL | 156 | 152 | 3.7 | 2.3- 8.1 | SL | | 51.9 |
| PRIONOTUS CARLINUS | 9 | 9 | 5.7 | 4.8- 6.7 | SL | 46 | 23 | 3.9 | 2.1- 5.7 | SL | | 10.2 |
| BOETHUS OCELLATUS | 1 | 1 | 21.5 | | SL | | | | | | | 0.3 |
| ETREPIUS MICROSTOMUS | 25 | 25 | 6.3 | 2.7-10.1 | SL | 7 | 7 | 4.2 | 3.1- 5.1 | SL | | 8.8 |
| PAPILLOTICHTHYS DENTATUS | | | | | | | | | | | 0 | 0.0 |
| SYNACTUM PAPILLOSUM | 1 | 1 | 6.2 | | SL | | | | | | | 0.3 |
| SYMPTERUS SP. | 2 | 2 | 12.0 | 10.2-13.7 | SL | 2 | 2 | 11.5 | 9.4-13.6 | SL | | 0.9 |
| ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | | |
| | CYCLOTHONE SP. | | | | | CYCLOTHONE SP. | | | | | | |
| | SYNOBRANCHIAE | | | | | SYNOBRANCHIAE | | | | | | |
| | OPHIOTHEUTIDAE | | | | | BREGMACEROTIDAE | | | | | | |
| | SERRANIDAE | | | | | OPHIOTHEUTIDAE | | | | | | |
| | APOGONIDAE | | | | | LABRIDAE OR SCAPIDAE | | | | | | |
| | CARANGIDAE | | | | | MUGILIDAE | | | | | | |
| | SPARIDAE | | | | | CALLIONYMIDAE | | | | | | |
| | LABRIDAE OR SCAPIDAE | | | | | GOBIIDAE | | | | | | |
| | SPHYRAENIDAE | | | | | TETRAODONTIDAE | | | | | | |
| | CALLIONYMIDAE | | | | | UNIDENTIFIED | | | | | | |
| | GOBIIDAE | | | | | | | | | | | |
| | GEMMYLIDAE | | | | | | | | | | | |
| | TRICHLURIDAE | | | | | | | | | | | |
| | STROMATEIDAE | | | | | | | | | | | |
| | SCORPAENIDAE | | | | | | | | | | | |
| | TRIGLICAE | | | | | | | | | | | |
| | | | | | | | | | | | | |
| F 5 15 11 | SAMPLING DEPTH 7-15M | | | | | SAMPLING DEPTH 1E-33M | | | | | | |
| OPHIOTHEUTIDAE | | | | | | 1 | 1 | 47.8 | | TL | | 0.3 |
| ENGRAULIS EUPYSTOLE | | | | | | 5 | 5 | 34.0 | 25.4-46.0 | NL | | 1.7 |
| MYRPHIS PUNCTATUS | | | | | | 5 | 5 | 34.8 | 26.2-47.5 | TL | | 1.7 |
| OPHIOTHEUTIS OCELLATUS | | | | | | 1 | 1 | 15.0 | | TL | | 0.3 |
| ENGRAULIS EUPYSTOLE | 25 | 22 | 8.7 | 4.9-12.2 | TL | 15 | 15 | 9.3 | 4.9-14.4 | TL | | 12.5 |
| BENTHOSEMA SUPERBIALE | 2 | 2 | 5.5 | 5.6- 6.2 | SL | | | | | | | 0.7 |
| PERATOSCOPELUS MAFFRENSIS | 1 | 1 | 9.7 | | SL | | | | | | | 0.3 |
| OTIAHUS SP. | 1 | 1 | 6.2 | | SL | 1 | 1 | 4.8 | | SL | | 0.6 |
| LAMELNYCTIS ALATUS OR PHOTNOTUS | 1 | 1 | 4.9 | | SL | | | | | | | 0.3 |
| NOTOSCOPELUS SP. | | | | | | 1 | 1 | 4.7 | | SL | | 0.3 |
| HEMIRHYNCHUS SP. | 17 | 15 | 3.1 | 1.8- 4.8 | NL | 6 | 5 | 3.0 | 2.3- 4.1 | NL | | 7.1 |
| HEMIRHYNCHUS VIVANUS | 7 | 7 | 3.6 | 2.8- 4.7 | SL | 2 | 2 | 4.5 | 4.8- 5.1 | SL | | 2.8 |
| LEICISTOMUS XANTHINUS | 9 | 9 | 4.8 | 4.4- 6.1 | SL | 1 | 1 | 4.7 | | SL | | 3.0 |
| MICROPODON UNICULATUS | 26 | 25 | 4.6 | 2.9- 6.4 | SL | 25 | 25 | 4.7 | 3.1- 7.5 | SL | | 16.1 |
| PRIONOTUS CARLINUS | 37 | 37 | 4.3 | 2.8- 8.1 | SL | 44 | 21 | 3.6 | 2.7- 5.3 | SL | | 25.8 |
| BOETHUS OCELLATUS | 41 | 25 | 6.0 | 3.7-10.3 | SL | 74 | 25 | 5.7 | 2.7-11.1 | SL | | 37.0 |
| CYCLOPSETTA FIMBRATA | 1 | 1 | 8.4 | | SL | | | | | | | 0.3 |
| ETREPIUS MICROSTOMUS | 46 | 25 | 5.1 | 3.3-11.4 | SL | 70 | 25 | 4.2 | 3.0- 5.7 | SL | | 27.1 |
| SYNACTUM PAPILLOSUM | 7 | 6 | 6.9 | 3.1-11.3 | SL | 11 | 10 | 8.2 | 3.4-13.7 | SL | | 5.8 |
| SYMPTERUS SP. | 5 | 4 | 4.6 | 3.7- 6.8 | SL | 21 | 18 | 5.6 | 3.2-14.2 | SL | | 8.5 |
| ADDITIONAL LARVAE CAUGHT | | | | | | | | | | | | |
| | MORINGUIDAE | | | | | MORINGUIDAE | | | | | | |
| | CYCLOTHONE SP. | | | | | SYNOBRANCHIAE | | | | | | |
| | SYNOBRANCHIAE | | | | | PARALEPIDIDAE | | | | | | |
| | PARALEPIDIDAE | | | | | LOPHIIFORMES | | | | | | |
| | MYCTOPHIDAE | | | | | BREGMACEROTIDAE | | | | | | |
| | BREGMACEROTIDAE | | | | | OPHIOTHEUTIDAE | | | | | | |
| | OPHIOTHEUTIDAE | | | | | FISTULARIIDAE | | | | | | |
| | SERRANIDAE | | | | | SERRANIDAE | | | | | | |
| | CARANGIDAE | | | | | APOGONIDAE | | | | | | |
| | SPARIDAE | | | | | CARANGIDAE | | | | | | |
| | LABRIDAE OR SCAPIDAE | | | | | PCMACENTRIDAE | | | | | | |
| | MUGILIDAE | | | | | LABRIDAE OR SCAPIDAE | | | | | | |
| | URANOSCOPIDAE | | | | | BLENNIIDAE | | | | | | |
| | BLENNIIDAE | | | | | CALLIONYMIDAE | | | | | | |
| | CALLIONYMIDAE | | | | | GOBIIDAE | | | | | | |
| | GOBIIDAE | | | | | TRIGLICAE | | | | | | |
| | ACANTHURIDAE | | | | | UNIDENTIFIED | | | | | | |
| | SCORPAENIDAE | | | | | | | | | | | |
| | UNIDENTIFIED | | | | | | | | | | | |

